

Datasheet for ABIN6163029  
**anti-FGF23 antibody (CF®405S)**



[Go to Product page](#)

## Overview

|              |                                              |
|--------------|----------------------------------------------|
| Quantity:    | 100 µL                                       |
| Target:      | FGF23                                        |
| Reactivity:  | Human                                        |
| Host:        | Mouse                                        |
| Clonality:   | Monoclonal                                   |
| Conjugate:   | This FGF23 antibody is conjugated to CF®405S |
| Application: | ELISA, Coating (Coat)                        |

## Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Mouse Monoclonal anti-FGF23 (FGF23/638), CF405S Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen:       | Recombinant human FGF23 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Clone:           | FGF23-638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype:         | IgG1 kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Characteristics: | <p>Fibroblast growth factor-1 (FGF-1), also designated acidic FGF, and fibroblast growth factor-2 (FGF-2), also designated basic FGF, are members of a family of growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Additional members of the FGF family include the oncogenes FGF-3 (Int2) and FGF-4 (hst/Kaposi), FGF-5, FGF-6, FGF-7 (KGF), FGF-8 (AIGF), FGF-9 (GAF) and FGF-10 through FGF-23. Members of the FGF family share 30-55 % amino acid sequence identity and similar gene structure, and are capable of transforming cultured cells when overexpressed in trans- fected cells. Cellular receptors for FGFs are members of a second multigene family, including four tyrosine kinases</p> |

## Product Details

designated Flg (FGFR-1), Bek (FGFR-L), TKF and FGFR-3. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

## Target Details

|                   |                                                                                                                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | FGF23                                                                                                                                                                                                                                      |
| Alternative Name: | FGF23 ( <a href="#">FGF23 Products</a> )                                                                                                                                                                                                   |
| Background:       | ADHR, FGF-23, FGFN, Fibroblast growth factor 23, HPDR2, HYPF, Phosphatonin, PHPTC, Tumor-derived hypophosphatemia-inducing factor                                                                                                          |
| Molecular Weight: | 12-32 kDa                                                                                                                                                                                                                                  |
| Gene ID:          | 8074, 287370                                                                                                                                                                                                                               |
| UniProt:          | <a href="#">Q9GZV9</a>                                                                                                                                                                                                                     |
| Pathways:         | <a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Negative Regulation of Hormone Secretion</a> |

## Application Details

|                    |                                         |
|--------------------|-----------------------------------------|
| Application Notes: | ELISA For coating, order Ab without BSA |
| Comment:           | Human PBL cells or brain tumors         |
| Restrictions:      | For Research Use only                   |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 100 µg/mL                                                                                                              |
| Buffer:            | PBS/0.1 % BSA/0.05 % azide                                                                                             |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Handling

---

Handling Advice: Protect from light