

Datasheet for ABIN7427987  
**anti-FGFR1 antibody (AA 236-362)**



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1 Image

## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                    |
| Target:              | FGFR1                                                                                                     |
| Binding Specificity: | AA 236-362                                                                                                |
| Reactivity:          | Human                                                                                                     |
| Host:                | Mouse                                                                                                     |
| Clonality:           | Monoclonal                                                                                                |
| Conjugate:           | This FGFR1 antibody is un-conjugated                                                                      |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|               |                                                                                                                                                                                    |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Monoclonal Antibody to Fibroblast Growth Factor Receptor 1 (FGFR1)                                                                                                                 |
| Immunogen:    | Recombinant Fibroblast Growth Factor Receptor 1 (FGFR1) corresponding to Tyr236~Leu362<br>with N-terminal His Tag                                                                  |
| Clone:        | 4#                                                                                                                                                                                 |
| Isotype:      | IgG2b kappa                                                                                                                                                                        |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against FGFR1. It has been selected for<br>its ability to recognize FGFR1 in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography                                                                                                                                      |

## Target Details

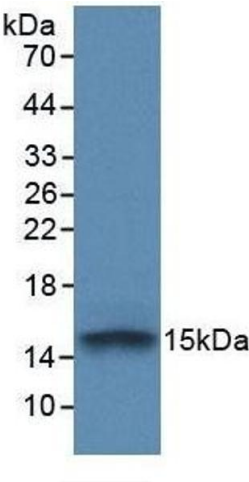
|                   |                                                                                                                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | FGFR1                                                                                                                                                                                                                                                                                                 |
| Alternative Name: | FGFR1 ( <a href="#">FGFR1 Products</a> )                                                                                                                                                                                                                                                              |
| Background:       | CD331, FLT2, KAL2, CEK, FLG, BFGFR, N-SAM,Basic Fibroblast Growth Factor Receptor 1, Fms-Related Tyrosine Kinase-2, Pfeiffer Syndrome                                                                                                                                                                 |
| UniProt:          | <a href="#">P11362</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="#">Sensory Perception of Sound</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">S100 Proteins</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.                                                                                                                                                                           |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 1 mg/mL                                                                                                                                                         |
| Buffer:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.                                                                                                     |
| Preservative:      | Sodium azide                                                                                                                                                    |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                          |
| Storage:           | 4 °C,-20 °C                                                                                                                                                     |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months                                                                                                                                                       |



Western Blotting

**Image 1.** Detection of Recombinant FGFR1, Human using Monoclonal Antibody to Fibroblast Growth Factor Receptor 1 (FGFR1)