

Datasheet for ABIN679723

**anti-EPO antibody (AA 101-193) (Cy5.5)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                |
| Target:              | EPO                                                                                                                                                   |
| Binding Specificity: | AA 101-193                                                                                                                                            |
| Reactivity:          | Human, Rat                                                                                                                                            |
| Host:                | Rabbit                                                                                                                                                |
| Clonality:           | Polyclonal                                                                                                                                            |
| Conjugate:           | This EPO antibody is conjugated to Cy5.5                                                                                                              |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Erythropoietin |
| Isotype:              | IgG                                                                |
| Cross-Reactivity:     | Human, Rat                                                         |
| Predicted Reactivity: | Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit                               |
| Purification:         | Purified by Protein A.                                             |

## Target Details

|                   |                                      |
|-------------------|--------------------------------------|
| Target:           | EPO                                  |
| Alternative Name: | Epo ( <a href="#">EPO Products</a> ) |

## Target Details

|              |                                                                                                                                                                                                                                         |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target Type: | Hormone                                                                                                                                                                                                                                 |
| Background:  | Synonyms: EP, MVCD2, Erythropoietin, EPO<br>Background: Erythropoietin is the principal hormone involved in the regulation of erythrocyte differentiation and the maintenance of a physiological level of circulating erythrocyte mass. |
| Gene ID:     | 2056                                                                                                                                                                                                                                    |
| UniProt:     | <a href="#">P01588</a>                                                                                                                                                                                                                  |
| Pathways:    | <a href="#">JAK-STAT Signaling</a> , <a href="#">Hormone Activity</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a> , <a href="#">Negative Regulation of Transporter Activity</a>                              |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |