



Datasheet for ABIN7092965
anti-CD37 antibody (AA 112-241)



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1 Image

Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µg |
| Target: | CD37 (TSPAN26) |
| Binding Specificity: | AA 112-241 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This CD37 antibody is un-conjugated |
| Application: | Flow Cytometry (FACS), ELISA |

Product Details

| | |
|---------------|--|
| Immunogen: | Recombinant human CD37(Arg112-Asn241) (ABIN6961141) produced by using human HEK293 cells |
| Clone: | DM166 |
| Isotype: | IgG |
| Purification: | Powder |

Target Details

| | |
|-------------------|---|
| Target: | CD37 (TSPAN26) |
| Alternative Name: | CD37 (TSPAN26 Products) |
| Background: | Synonyms:CD37, TSPAN26, Tspan-26 |

Target Details

Description: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms.

Molecular Weight: 31.7KDa

Pathways: [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300

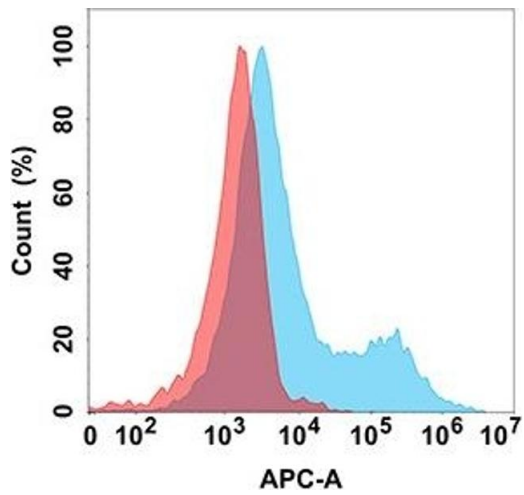
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



Flow Cytometry

Image 1. Flow cytometry analysis with Anti-CD37 (DM166) on Expi293 cells transfected with human CD37 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).