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Purified Anti-Human CD28 Antibody[CD28.2]

Catalog No.E-AB-F1195AReactivityHumanStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsFCM

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Antigen Information

Alternate Names PAS2,MNS,HGpMiX,GYPA,GPSAT

Uniprot ID P10747

Background CD28 is a 44 kD disulfide-linked homodimeric type I glycoprotein. It is a member of the

immunoglobulin superfamily and is also known as T44 or Tp44. CD28 is expressed on most T lineage cells, NK cell subsets, and plasma cells. CD28 binds both CD80 and CD86 using a highly conserved motif MYPPY in the CDR3-like loop. CD28 is considered a major co-stimulatory molecule, inducing T lymphocyte activation and IL-2 synthesis, and preventing cell death. In vitro studies indicate that ligation of CD28 on T cells by CD80 and CD86 on antigen presenting cells

provides a costimulatory signal required for T cell activation and proliferation.

Product Details

FormLiquidConcentration0.5 mg/mLSize $25\mu g/100\mu g$ Clone No.CD28.2HostMouseIsotypeMouse IgG1, κ

IsotypeMouse IgG1,ReactivityHumanApplicationFCM

Isotype Control Purified Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793A]

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Shipping Biological ice pack at 4 °C Stability & Storage Keep as concentrated solution.

Store at 2~8°C .Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

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Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 0.5 \,\mu g$ per 10^6 cells in $100 \,\mu L$ volume or $100 \,\mu L$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html

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