

Anti-PKCa [MC5]

Catalogue number: 151131

Sub-type: Primary antibody

Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/e094c94c-960a-4eb8-91eb-ddff79ac3cad.jpg

Contributor

Inventor: Peter Parker

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-PKCa [MC5]

Alternate name: CD1c Molecule; CD1C Antigen; C Polypeptide; CD1c Antigen; Differentiation Antigen CD1-Alpha-3; Cortical Thymocyte Antigen; CD1C; BDCA1; CD1A; CD1; R7

Class: Monoclonal

Conjugate: Unconjugated

Description: MC5 blocks partial proteolysis of PKC by trypsin in vitro. Fab fragment inhibits phorbol-ester-induced down-regulation of PKC in a rodent gloma cell line.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Bovine

Selectivity:

Host: Mouse

Immunogen: Purified bovine brain protein kinase C

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Protein Kinase C alpha

Target alternate names:

Target background: Protein Kinase C is a family of serine/threonine protein kinases that are activated by Ca²⁺, diacylglycerol and membrane phospholipids (phosphatidylserine).

Molecular weight: 80 kDa

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IF ; IP ; RIA ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: MiR-381-3p Regulates the Antigen-Presenting Capability of Dendritic Cells and Represses Antituberculosis Cellular Immune Responses by Targeting CD1c. ; Wen et al. 2016. J Immunol. . PMID: 27296666. ; Small et al. 1989. Hum Immunol. 25(3):181-93. PMID: 2670851. ; Characterization of B cells in severe combined immunodeficiency disease. ; Merle-Beral et al. 1988. Eur J Haematol. 41(3):197-203. PMID: 3263283. ; Phenotypic heterogeneity of B- and T-cell differentiation antigens in B-CLL. ; Matsumoto et al. 1986. J Immunol. 137(9):2907-12. PMID: 2428878. ; Fn analysis of activated C1s, a subcomponent of the first component of human complement, by monoclonal antibodies. ; Knowles et al. 1982. Eur J Immunol. 12(8):676-81. PMID: 6754387. ; A monoclonal antibody recognizing a human thymus leukemia-like antigen associated with beta 2-microglobulin.

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