

IGHD monoclonal antibody

Catalog: MB66772

Host: Mouse

Reactivity: Human

BackGround:

IgD chain C (Ig d chain C region) is an allelic product of the human IGH D gene. The two known IGH D alleles, IGH D*01 and IGH D*02, respectively produce isoforms 1, a secreted protein, and 2, a single-pass type I membrane protein. A member of the adaptive immune system, IgD antibodies are monomers expressed by activated B cells. Containing three Ig-like (immunoglobulin-like) domains, IgD chain C is located on chromosome 14 within the human heavy chain locus, lying on the 3' side of the IgM chain C region from the V-D-J cassette. Polyadenylation at certain sites along the heavy chain locus likely effects the mechanism that determines the alternative splicing event which results in the expression of either IgD chain C or IgM chain C. Some studies have suggested that antigenic coactivation of IgD+ B cells can have a negative influence on bone resorption during infectious events.

Product:

Mouse IgM. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 57 kDa

Swiss-Prot:

P01880

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/100 - 1/500)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of IGH D protein.

DATA:



Western blot analysis of IGH D expression in CEM (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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