



[Go to Product page](#)

Datasheet for ABIN1539994
anti-IgD antibody (N-Term)

1 Image

Overview

Quantity:	0.1 mL
Target:	IgD
Binding Specificity:	AA 37-64, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This IGHD antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 37-64 amino acids from the N-terminal region of human IGHD.
Clone:	607CT8-4-4
Isotype:	IgM
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	IgD
Alternative Name:	IGHD (IgD Products)
Target Type:	Antibody
Background:	IgD is the major antigen receptor isotype on the surface of most peripheral B-cells, where it is

Target Details

coexpressed with IgM. The membrane-bound IgD (mIgD) induces the phosphorylation of CD79A and CD79B by the Src family of protein tyrosine kinases. Soluble IgD (sIgD) concentration in serum below those of IgG, IgA, and IgM but much higher than that of IgE. IgM and IgD molecules present on B cells have identical V regions and antigen-binding sites. After the antigen binds to the B-cell receptor, the secreted form sIgD is shut off. IgD is a potent inducer of TNF, IL1B, and IL1RN. IgD also induces release of IL6, IL10, and LIF from peripheral blood mononuclear cells. Monocytes seem to be the main producers of cytokines in vitro in the presence of IgD.

Molecular Weight: 42353

Gene ID: 3495

UniProt: [P01880](#)

Application Details

Application Notes: WB: 1:100~800

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) sodium azide.

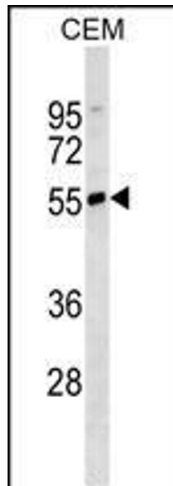
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: IGHD Antibody (N-term)(Ascites) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. IGHD Antibody (N-term)(Ascites) ABIN1539994 western blot analysis in CEM cell line lysates (35 μ g/lane). This demonstrates the IGHD antibody detected the IGHD protein (arrow).