

ARG62518 anti-IgD antibody [IgD26]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [IgD26] recognizes IgD
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Clone	IgD26
Isotype	IgG1
Target Name	IgD
Species	Human
Immunogen	IgD purified from human myeloma serum
Conjugation	Un-conjugated

Application Instructions

Application Note	WB: 1/100 - 1/1000 IP: 1-2 µl/mg of lysate IF: 1/50-1/500 IHC: 1/50-1/500 * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
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Properties

Form	Liquid
Buffer	PBS, < 0.1% Sodium azide and 0.1% Gelatin
Preservative	< 0.1% Sodium azide
Stabilizer	0.1% Gelatin
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IGHD
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Gene Full Name	immunoglobulin heavy constant delta
Function	IgD is the major antigen receptor isotype on the surface of most peripheral B-cells, where it is 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. [UniProt]
Research Area	Developmental Biology antibody; Immune System antibody