

Datasheet for ABIN7540455
anti-IgD antibody (FITC)



[Go to Product page](#)

Overview

Quantity:	100 tests
Target:	IgD
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IgD antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu IgD FITC
Immunogen:	Human IgD
Clone:	IA6-2
Isotype:	IgG2a kappa
Specificity:	The mouse monoclonal antibody IA6-2 recognizes human immunoglobulin D.
Purification:	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	IgD
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Target Details

Abstract:	IgD Products
Target Type:	Antibody
Background:	<p>Description: Immunoglobulin D (IgD) is expressed on the surface of naive mature B cells, thus later than IgM, and is coexpressed with it then. Triggered by antigen binding, it signals through the CD79 complex to activate the B cells. Expression of IgD is lost after the isotype switch.</p> <p>Soluble IgD is present in very small amounts in the serum. IgD can bind to basophils and mast cells to activate them in an IgE-independent way to participate in respiratory immune defense.</p> <p>Other names: Immunoglobulin D</p>

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µL reagent / 100 µL of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM 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
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.