



TECHNICAL DATA SHEET

Anti-IgD (IA6-2)

Type	Size	Catalog number
FITC	25 tests	109214
	100 tests	109215
	200 tests	109216
iFluor™ 647	25 tests	1092124
	100 tests	1092125
	200 tests	1092126
mFluor™ 450	25 tests	1092144
	100 tests	1092145
	200 tests	1092146

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Antigen:	IgD
Immunogen:	Human IgD
Host/Isotype:	Mouse, IgG2a, κ
Reactivity:	Human
Purity:	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation:	PBS, pH7.2, 0.09% NaN ₃ (unconjugated, Biotin) PBS, pH7.2, 0.09% NaN ₃ , 0.2% (w/v) BSA (conjugated)
Storage:	Store at 2-8°C and protected from prolonged exposure to light. Do not freeze.
Applications:	Flow Cytometry

Application Information

Each lot was pre-titrated and tested by flow cytometric so that 5µl of this product will stain 1 million cells in a 100µl staining volume or 100µl of whole blood. Antibody reactivity should be empirically titrated for optimal performance for the application of interest.

Antigen Information

The clone IA6-2, a mouse monoclonal antibody selectively recognizes the heavy chain of human Immunoglobulin D (IgD). It is a member of the immunoglobulin superfamily. membrane-bound on B cells and secreted soluble form of IgD in serum is an evolutionarily conserved Ig isotype containing a dand its expression on B cells precisely regulates B cell developmental and functional stages while serving as a B-cell receptor in association with other surface antigens such as CD27, IgM, etc.

References

1. Takizawa, et al 2006. Hum Immunol. 67:966-975.
2. Waller, S, et al 2008. J.Exp. Med. 205:1331-1342.
3. Qian, Y et al, 2015. Blood. 126:2230.
4. Ammouri, W, et al.2007. Rheumatology. 46:1597-1600.

Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.

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