Monoclonal Antibody to IgD
Purified Antibody (0.025 mg)

Clone: IA6-2
Isotype: Mouse IgG2a
Specificity: The mouse monoclonal antibody IA6-2 recognizes human immunoglobulin D.
Regulatory Status: RUO
Immunogen: Human IgD
Species Reactivity: Human
Application: Flow Cytometry
Purity: > 95% (by SDS-PAGE)
Purification: Purified by protein-A affinity chromatography
Concentration: 1 mg/ml
Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration: See vial label
Lot Number: See vial label
Background: 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. 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.


