
CD89 Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250124

Unit: 0.1 mg

Description:

The CD89 antigen (Fc alpha receptor I) binds to the Fc region of immunoglobulins alpha (IgA). CD89 mediates several immune functions including cytokine production. CD89 consists of a membrane-distal Ig-like extracellular domain (EC1), a membrane-proximal Ig-like extracellular domain (EC2), a transmembrane region, and a short cytoplasmic tail. This antibody recognizes the EC1 domain of human CD89 by flow cytometry and also inhibits CD89 functions.

Isotype: Mouse IgG1

Applications: B, FC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Immunoglobulin alpha Fc receptor; IgA Fc receptor; CD89 antigen; FCAR; CD89

Accession No.: P24071

Antigen: Soluble human CD89 protein

Application Notes: B: 4 mg/4 x 10⁵ cells; FC: 1 mg/0.1 ml.

This antibody recognizes the EC1 domain of Fc alpha-RI extracellular region.

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Zhang, W et al. 2000. Clin. Exp.

Immunol. 121: 106-111. PMID# 10886246.

For research use only, not for diagnostic or therapeutic procedures.