

Anti-Hu CD55 Purified Monoclonal Antibody

Catalog Number: M00910

About CD55

CD55 (decay-accelerating factor, DAF) is a GPI-anchored membrane glycoprotein that protects autologous cells from classical and alternative pathway of complement cascade. Bidirectional interactions between CD55 and CD97 are involved in T cell regulation and CD55 can still regulate complement when bound to CD97. In tumours, besides protection against complement, CD55 promotes neoangiogenesis, tumorigenesis, invasiveness and evasion of apoptosis.

Overview

Product Name	Anti-Hu CD55 Purified Monoclonal Antibody
Reactive Species	Human, Primate
Description	Boster Bio Anti-Hu CD55 Purified Monoclonal Antibody (Catalog# M00910). Tested in Flow Cytometry, IP, IHC-P, WB application(s). This antibody reacts with Human, Primate.
Application	Flow Cytometry, IP, IHC-P, WB
Clonality	Monoclonal MEM-118
Formulation	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P08174

Technical Details

Immunogen	HPB-ALL human T cell line. The antibody MEM-118 recognizes an epitope in SCR4 domain of CD55 (Decay accelerating factor, DAF), a 60-70 kDa glycosylphosphatidylinositol (GPI)-anchored single chain extracellular glycoprotein. CD55 is widely expressed on hematopoietic and on many non-hematopoietic cells; it is weakly present on NK cells.
Predicted Reactive Species	Primate
Isotype	Mouse IgM
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Flow cytometry: 10 ug/ml.

Immunohistochemistry (paraffin sections): 10 ug/ml.

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