

## 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

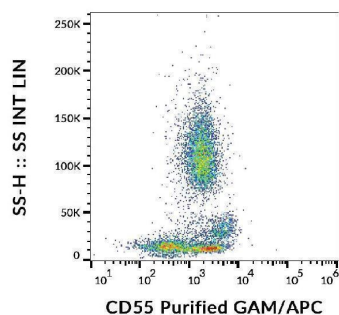
Product Name	Anti-Hu CD55 Purified Monoclonal Antibody
Reactive Species	Human, Primate
Description	Boster Bio Anti-Hu CD55 Purified Monoclonal Antibody (Catalog# M00910). Tested in Flow Cytometry, IP, IHC-P, WB application(s). This antibody reacts with Human, Primate.
Application	Flow Cytometry, IP, 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	Flow cytometry: 10 ug/ml.

Immunohistochemistry (paraffin sections): 10 ug/ml.

## Anti-Hu CD55 Purified Monoclonal Antibody (M00910) Images



Flow cytometry analysis (surface staining) of human peripheral blood cells with anti-CD55 (MEM-118) purified, GAM-APC.

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Anti-Hu CD55 Purified Monoclonal Antibody

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