

Anti-Hu CD120a Purified TNFRSF1A Monoclonal Antibody

Catalog Number: M00294

About TNFRSF1A

CD120a / TNF R1, also known as TNFR55 or TNFRSF1A, is a 55 kDa receptor for tumor necrosis factor alpha and it is expressed in most tissues. By binding its trimeric ligand the CD120a protein forms trimers and the conformation change leads to dissociation of the inhibitory factor SODD from its intracellular death domain and in formation of signaling platform. CD120a can mediate apoptosis, and function as a regulator of inflammation. Germline mutations of the extracellular domains of this receptor were found to be associated with the autosomal dominant periodic fever syndrome. The impaired receptor clearance is thought to be a mechanism of the disease.

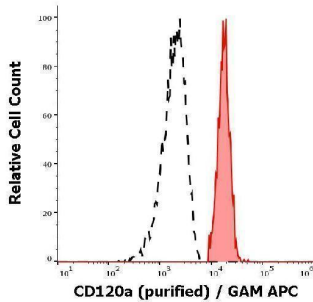
Overview

Product Name	Anti-Hu CD120a Purified TNFRSF1A Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD120a Purified TNFRSF1A Monoclonal Antibody (Catalog# M00294). Tested in Flow Cytometry, IP, IHC-P, IHC-F application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, IHC-P, IHC-F
Clonality	Monoclonal H398
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P19438

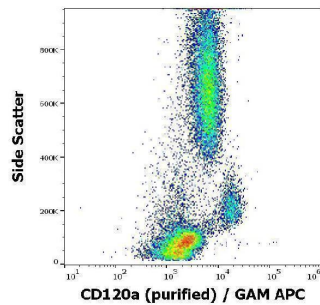
Technical Details

Immunogen	Recombinant full length human CD120a. The mouse monoclonal antibody H398 recognizes the extracellular domain of CD120a, a 55 kDa receptor for tumor necrosis factor. The antibody blocks biological activity of both natural and recombinant human TNF alpha and TNF beta.
Predicted Reactive Species	Primate
Isotype	Mouse IgG2a
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Flow cytometry: 1-4 ug/ml.

Anti-Hu CD120a Purified TNFRSF1A Monoclonal Antibody (M00294) Images



Separation of human monocytes (red-filled) from CD120a negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD120a (H398) purified antibody (concentration in sample 3 µg/ml) GAM APC.



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD120a (H398) purified antibody (concentration in sample 3 µg/ml) GAM APC.

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