

Mouse anti-Human CD120a Monoclonal Antibody | anti-CD120a antibody

Anti-Hu CD120a PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128566	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD120a; Monoclonal Antibody; Anti-Hu CD120a PE; TNF receptor superfamily member 1A; TNF R1; TNFRSF1A; TNFR55; FPF; TBP1; p60; anti-CD120a antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	H398
Specificity	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.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	455
Applicable Applications for anti-CD120a antibody	FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full length human CD120a
Conjugation	PE
Excitation laserblue	(488 nm)
Preparation and Storage	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD120a antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507575
NCBI GeneID	7132
NCBI Accession #	NP_001056.1

NCBI GenBank Nucleotide #	NP_001056.1
UniProt Accession #	P19438
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1A isoform 1
NCBI Official Synonym Full Names	TNF receptor superfamily member 1A
NCBI Official Symbol	TNFRSF1A
NCBI Official Synonym Symbols	FPF; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1A
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1A
UniProt Gene Name	TNFRSF1A
UniProt Synonym Gene Names	TNFAR; TNFR1; TNF-R1; TNF-RI; TNFR-I; TBPI
UniProt Entry Name	TNR1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/cd120a-antibody-clone-h398-flow-cytometry-elisa/128566>