abcam

ab194814

Anti-TNF Receptor I antibody [H398]

Key facts

Isotype	IgG2a
Host species	Mouse
Storage buffer	pH: 7.4 Preservative: 0.095% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Full Length Protein corresponding to Human TNFRSF1A. Database link P19438
Clone number	H398
Purification technique	Affinity purification Protein A
Specificity	ab194814 recognizes the extracellular domain of TNF Receptor I. The antibody blocks biological activity of both natural and recombinant Human TNF alpha and TNF beta.
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	ab194814 was purified from cell culture supernatant by protein-A affinity chromatography. Purity is> 95% (by SDS-PAGE).

Reactivity data

Flow Cyt

Tested

Species	Human

Dilution info	1-4 µg/mL
Notes	-

Target data

See full target information TNFRSF1A

Function	Receptor for TNFSF2/TNF and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

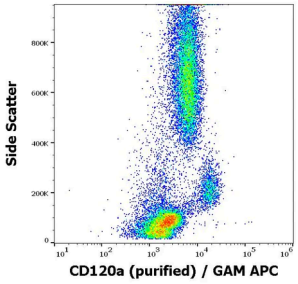
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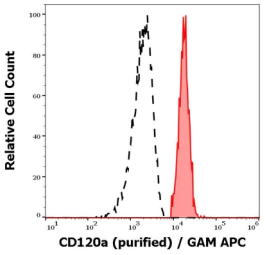
2 product images



Flow Cytometry - Anti-TNF Receptor I antibody [H398] (ab194814)

TNF Receptor I Flow Cytometry staining using mouse Anti-TNF Receptor I antibody

Flow cytometry surface staining pattern of human peripheral whole blood stained using ab194814 purified antibody at a concentration in sample of 3 µg/mL GAM APC.



Flow Cytometry - Anti-TNF Receptor I antibody [H398] (ab194814)

TNF Receptor I Flow Cytometry staining using mouse Anti-TNF Receptor I antibody

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 ab194814 purified antibody at concentration in sample of 3 µg/mL GAM APC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.