

APC Anti-Human CD178 (Fas ligand) (NOK-1) Antibody
Catalog # ATB10372**Specification****APC Anti-Human CD178 (Fas ligand) (NOK-1) Antibody - Product Information**

Application	FC
Isotype	Mouse IgG1, kappa
Concentration	5 uL (0.25ug)/test
Reactivity	Human
Formulation	10 mM NaH ₂ PO ₄ , 150 mM NaCl, 0.09% NaN ₃ , 0.1% gelatin, pH7.2
Host	Mouse

APC Anti-Human CD178 (Fas ligand) (NOK-1) Antibody - Additional Information

Gene ID	356
Gene Name	FASLG
Alternative Name(s)	
CD95L, Fas ligand, FasL	

Format

APC

Preparation

This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

Application Notes

This antibody preparation has been pre-titrated and quality-tested for flow cytometry using an appropriate cell type. The antibody has been diluted for use at 5 uL per test, defined as the amount of antibody that will stain a cell sample in a final volume of approximately 100 uL. The number of cells within a sample should be determined empirically, but typically ranges between 1x10⁵ to 1x10⁸ cells.

Storage Conditions

2-8°C protected from light

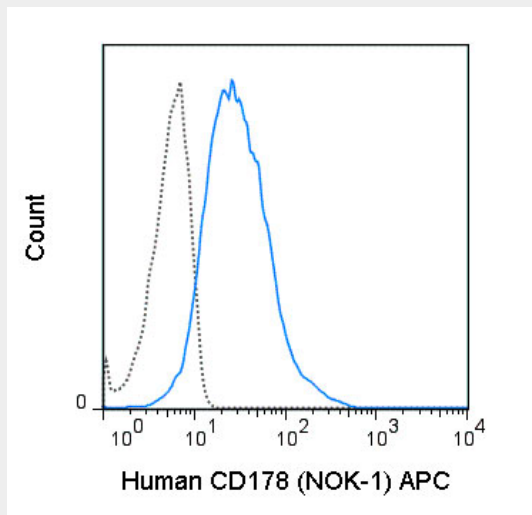
APC Anti-Human CD178 (Fas ligand) (NOK-1) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

APC Anti-Human CD178 (Fas ligand) (NOK-1) Antibody - Images



Human CD178 (Fas ligand) transfected cells were stained with 5 uL (0.25 ug) APC Anti-Human CD178 (ATB10372) (solid line) or 0.25 ug APC Mouse IgG1 isotype control (dashed line).

APC Anti-Human CD178 (Fas ligand) (NOK-1) Antibody - Background

The NOK-1 antibody reacts with human CD178 (Fas ligand) in both membrane bound and soluble forms. Fas ligand is a 40 kDa transmembrane glycoprotein, a member of the TNF family, and is expressed by activated T and NK cells, neutrophils, and monocytes. Interactions between CD178 (Fas ligand) and CD95 (Fas) induce a program of apoptosis and play a key role in immune regulation and homeostasis. The extracellular domain of human CD178 can be cleaved from the surface by matrix metalloproteinases (MMPs) resulting in a 26 kDa soluble protein.

APC Anti-Human CD178 (Fas ligand) (NOK-1) Antibody - References

Tanaka M, Suda T, Takahashi T, and Nagata S. 1995. EMBO J. 14(6):1129-1135. Kayagaki N, Kawasaki A, Ebata T, Ohmoto H, Ikeda S, Inoue S, Yoshino K, Okumura K, and Yagita H. 1995. J Exp Med. 182(6):1777-1783. Suda T, Hashimoto H, Tanaka M, Ochi T, Nagata S. 1997. J Exp Med. 186(12):2045-2050. Ehrenschrwender M, Wajant H. 2009. Adv Exp Med Biol. 647:64-93.