

For Research Use Only

CoraLite®594 Anti-Human CD178 (Fas ligand) (NOK-1) Mouse IgG2a Recombinant Antibody

Catalog Number: CL594-65598



Basic Information

Catalog Number:

CL594-65598

Concentration:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC017502

GeneID (NCBI):

356

UNIPROT ID:

P48023

Full Name:

Fas ligand (TNF superfamily, member 6)

Calculated MW:

281 aa, 31 kDa

Purification Method:

Protein A purification

CloneNo.:

NOK-1

Recommended Dilutions:

FC: 0.25 µg per 10⁶ cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : Transfected HEK-293T cells,

Background Information

CD178, also known as Fas ligand, is a type II transmembrane protein that belongs to the tumor necrosis factor (TNF) family. It is expressed on NK cells, cytotoxic T lymphocytes and activated CD4⁺ Th1 cells. CD178 transduces apoptotic signal into cells by binding to FAS/CD95. It is involved as a death factor in the regulation of activation-induced cell death, establishment of immune privilege and tumor cell survival.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

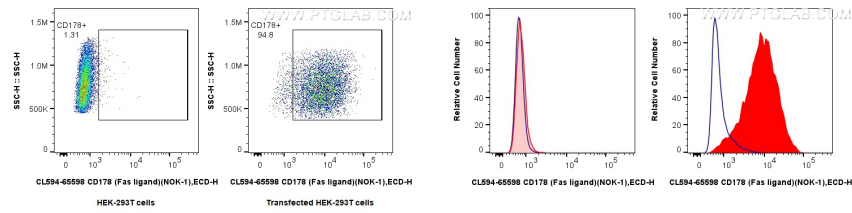
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Selected Validation Data



1x10⁶ HEK-293T cells or CD178 transfected HEK-293T cells were surface stained with 0.25 ug CoraLite®594 Anti-Human CD178 (Fas ligand) (NOK-1) Mouse IgG2a RecAb (CL594-65598, Clone: NOK-1). Cells were not fixed.

1x10⁶ HEK-293T cells (left) or CD178 transfected HEK-293T cells (right) were surface stained with 0.25 ug CoraLite®594 Anti-Human CD178 (Fas ligand) (NOK-1) Mouse IgG2a RecAb (CL594-65598, Clone: NOK-1) (red) or 0.25 ug CoraLite®594 Mouse IgG2a Isotype Control (C1.18.4) (CL594-65208, Clone: C1.18.4) (blue). Cells were not fixed.