

For Research Use Only

CoraLite®594 Anti-Human DR5/CD262 Rabbit Recombinant Antibody

Catalog Number: CL594-98273



Basic Information

Catalog Number:

CL594-98273

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1648

GenBank Accession Number:

BC001281

GeneID (NCBI):

8795

UNIPROT ID:

O14763

Full Name:

tumor necrosis factor receptor superfamily, member 10b

Calculated MW:

48 kDa

Purification Method:

Protein A purification

CloneNo.:

242319H8

Recommended Dilutions:

FC: 5 µl 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 : human PBMCs,

Background Information

DR5, also known as CD262, TNFRSF10B, TRAILR2, TRICK2 and KILLER, is a widely expressed single-pass type I membrane protein belonging to the tumour necrosis factor receptor superfamily (TNFRSF). It is a receptor for TNF-related apoptosis-inducing ligand (TRAIL), which is a member of the tumor necrosis factor (TNF) family of cytokines and induces apoptosis in a wide variety of cells (PMID: 9311998). DR5 contains two extracellular cysteine-rich repeats, typical for TNF receptor (TNFR) family members, and a cytoplasmic death domain (DD), through which DR5 is capable to transmit the apoptotic signal (PMID: 9311998; 20531300).

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:

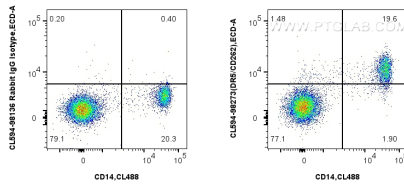
T: 4006900926

E: Proteintech-CN@ptglab.com

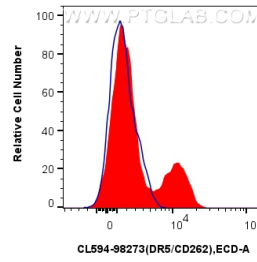
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD14, and 5 ul CoraLite®594 Anti-Human DR5/CD262 Rabbit RecAb (CL594-98273, Clone:242319H8), or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite®594 Anti-Human DR5/CD262 Rabbit RecAb (CL594-98273, Clone:242319H8) (red), or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.