

For Research Use Only

CD134/OX40 Polyclonal antibody, PBS Only

Catalog Number: 29361-1-PBS



Basic Information

Catalog Number:
29361-1-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG28521

GenBank Accession Number:
NM_003327

GeneID (NCBI):
7293

UNIPROT ID:
P43489

Full Name:
tumor necrosis factor receptor
superfamily, member 4

Calculated MW:
29 kDa

Observed MW:
50 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

CD134, also known as OX40 and TNFRSF4, is a member of the TNFR-superfamily of receptors (PMID: 2828930; 9766631). It is a type I transmembrane protein predominantly expressed on activated T cells which include CD4 and CD8 T cells, Th2, Th1, and Th17 cells, as well as regulatory T cells (Tregs) (PMID: 20307208). CD134 is activated by its cognate ligand CD134L (OX40L) and functions as a T cell co-stimulatory molecule (PMID: 26215166). CD134-CD134L interactions have been proposed as a potential therapeutic target for treating autoimmune diseases, cancer and infectious disease (PMID: 26215166; 19426222).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

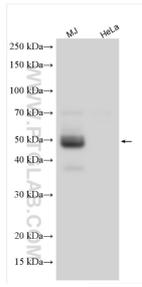
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29361-1-AP (CD134/OX40 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29361-1-PBS in a different storage buffer formulation.