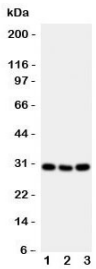
Cd134 Antibody / Ox40 (R31252)

Catalog No.	Formulation	Size
R31252	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P47741
Localization	Cytoplasmic, membranous
Applications	Western blot: 0.5-1ug/ml
Limitations	This Cd134 antibody is available for research use only.



Western blot testing of Cd134 antibody and mouse samples 1: brain; 2: spleen; 3: liver tissue lysate. Expected molecular weight: 29-50 kDa depending on glcyosylation level.

Description

Tumor necrosis factor receptor superfamily, member4, also known as ACT35 or CD134 is a cell surface glycoprotein that was discovered through the production of a monoclonal antibody raised against the HUT-102 cell line. It belongs to the tumor necrosis factor receptor superfamily. OX40 was mapped to 1p36 by fluorescence in situ hybridization. CD134 is the primary receptor for feline immunodeficiency virus. OX40 expression can promote viral binding and renders cells permissive for viral entry, productive infection, and syncytium formation. Stimulating the receptor can improve the

response to a powerful virus vector and may be useful in vaccine development.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Cd134 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of mouse CD134/OX40 (ARRLNCVKHTYPSGHKCCRECQ) was used as the immunogen for this Cd134 antibody.

Storage

After reconstitution, the Cd134 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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