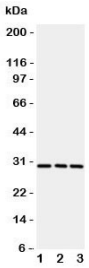
OX40 Antibody / CD134 (R31253)

Catalog No.	Formulation	Size
R31253	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
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	P15725
Localization	Cytoplasmic, membranous
Applications	Western blot: 0.5-1ug/ml
Limitations	This OX40 antibody is available for research use only.



Western blot testing of CD134 / OX40 antibody and rat samples 1: brain; 2: liver; 3: kidney. 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. CD134 was mapped to 1p36 by fluorescence in situ hybridization. CD134 is the primary receptor for feline immunodeficiency virus. CD134 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 OX40 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

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

Storage

After reconstitution, the OX40 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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