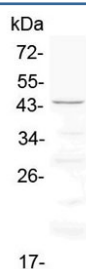


Cd134 Antibody / Ox40 (RQ4380)

Catalog No.	Formulation	Size
RQ4380	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
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P15725
Localization	Cytoplasm, membrane
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml (rat recombinant protein)
Limitations	This Cd134 antibody is available for research use only.



Western blot testing of rat heart lysate with Cd134 antibody at 0.5ug/ml. Expected molecular weight: 29-50 kDa depending on glycosylation level.

Description

Tumor necrosis factor receptor superfamily, member 4, 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. It is the primary receptor for feline immunodeficiency virus. And 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

Optimal dilution of the Cd134 antibody should be determined by the researcher.

Immunogen

A recombinant rat protein corresponding to amino acids V20-L198 was used as the immunogen for the 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.