

39-2171: Polyclonal Antibody to CD134/OX40/TNFRSF4

Clonality :	Monoclonal
Application :	ICC,IHC,FACS,WB
Reactivity :	Human
Gene :	TNFRSF4
Gene ID :	7293
Uniprot ID :	P43489
Alternative Name :	Tumor necrosis factor receptor superfamily member 4,ACT35 antigen,OX40L receptor,TAX
Immunogen Information :	A synthetic peptide corresponding to a sequence at the C-terminus of human CD134/OX40 (232-254aa AILLALYLLRRDQRLPPDAHKKPP), different from the related mouse sequence by ten amino acids.

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. CD134 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.

Product Info

Amount :	100 µg
Content :	Each vial contains BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
Storage condition :	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid repeated freezing and thawing.

Application Note

Immunohistochemistry(Paraffin-embedded Section), 0.5-1µg/ml, By Heat; Western blot, 0.1-0.5µg/ml;Immunohistochemistry(Frozen Section)-0.5-1µg/ml; Immunocytochemistry, 0.5-1µg/ml; Flow Cytometry, 1-3µg/1x10⁶ cells

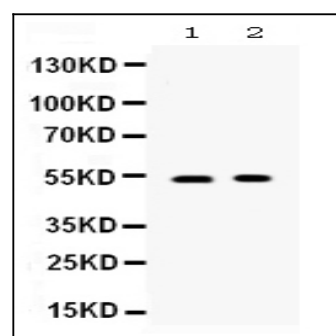


Figure 1. Western blot analysis of CD134 using anti-CD134 antibody. The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: SW620 whole cell lysates, Lane 2: 22RV1 whole cell lysates.

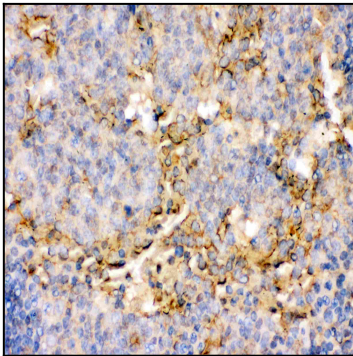


Figure 2: IHC analysis of CD134 using anti- CD134 antibody. CD134 was detected in paraffin-embedded section of human tonsil tissues.

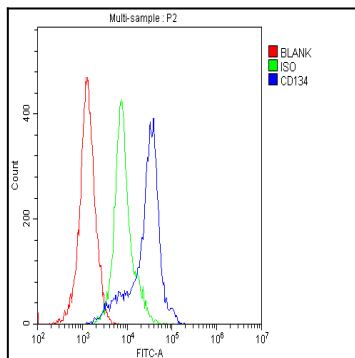


Figure 3. Flow Cytometry analysis of H-PBMC cells using anti- CD134 antibody.