
Summary

Production Name	CD53 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CD53
Alternative Names	CD53; MOX44; TSPAN25; Leukocyte surface antigen CD53; Cell surface glycoprotein CD53; Tetraspanin-25; Tspan-25; CD53
Gene ID	963.0
SwissProt ID	P19397.The antiserum was produced against synthesized peptide derived from the Internal region of human CD53. AA range:91-140

Application

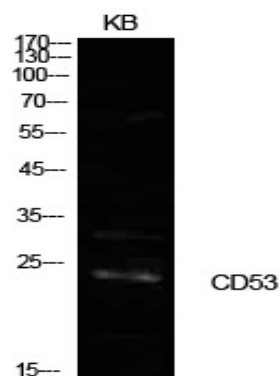
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000
Molecular Weight	24kD

Background

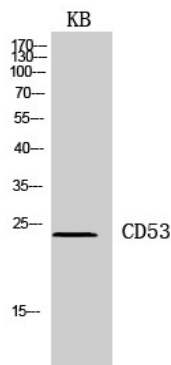
The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. It contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation. Familial deficiency of this gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],function:May be involved in growth regulation in hematopoietic cells.,similarity:Belongs to the tetraspanin (TM4SF) family.,tissue specificity:B-cells, monocytes, macrophages, neutrophils, single (CD4 or CD8) positive thymocytes and peripheral T-cells.,

Research Area

Image Data



Western Blot analysis of KB cells using CD53 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Western Blot analysis of KB cells using CD53 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Product Name: CD53 Rabbit Polyclonal Antibody
Catalog #: APRab08416



Note

For research use only.