

Summary

Production Name	CD6 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

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	CD6
Alternative Names	CD6; T-cell differentiation antigen CD6; T12; TP120; CD antigen CD6
Gene ID	923.0
SwissProt ID	P30203.The antiserum was produced against synthesized peptide derived from human CD6. AA range:250-299

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:40000.
Molecular Weight	73kD

Background

This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some other immune cells. The

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Catalog #: APRab08425

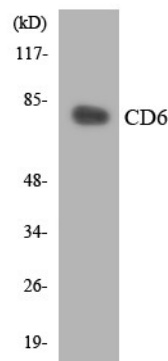


encoded protein contains three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. This gene may be associated with susceptibility to multiple sclerosis (PMID: 19525953, 21849685). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011],function:Involved in cell adhesion. Binds to CD166.,PTM:After T-cell activation, becomes hyperphosphorylated on Ser and Thr residues and phosphorylated on Tyr residues.,PTM:Contains intrachain disulfide bond(s),similarity:Contains 3 SRCR domains.,tissue specificity:Expressed by thymocytes, mature T-cells, a subset of B-cells known as B-1 cells, and by some cells in the brain.,

Research Area

Cell adhesion molecules (CAMs);

Image Data



Western blot analysis of the lysates from HT-29 cells using CD6 antibody.

Note

For research use only.