

Rabbit CD6 Monoclonal Antibody | anti-CD6 antibody

CD6 (Negative Marker of T-regulatory Cells)

CATALOG # AAA214848	HOST Rabbit	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry
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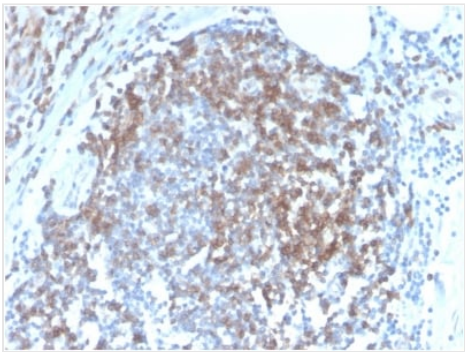
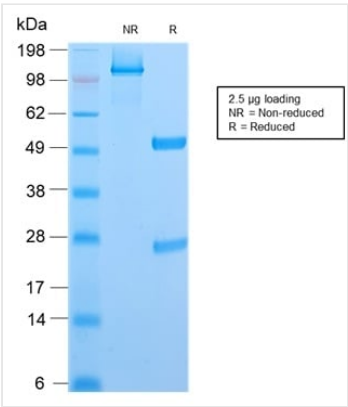
PRODUCT SYNONYMS

CD6; Monoclonal Antibody; CD6 (Negative Marker of T-regulatory Cells); T12; TP120; anti-CD6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	C6/2884R
Specificity	CD6 is a type I transmembrane glycoprotein that contains a 24-amino acid signal sequence, three extracellular scavenger receptor cysteine-rich (SRCR) domains, a membrane-spanning domain and a 44-amino acid cytoplasmic domain. The CD6 glycoprotein is tyrosine phosphorylated during TCR-mediated T cell activation. CD6 is present on mature thymocytes, peripheral T cells and a subset of B cells. Antibodies to CD6 are used to deplete T cells from bone marrow transplants to prevent graft versus host disease.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	636
Applicable Applications for anti-CD6 antibody	IHC (Immunohistochemistry)
Immunogen	Human recombinant full-length CD6 protein
Positive Control	CCRF-CEM, Jurkat Cells, Tonsil
Cellular Localization	Cell Surface and Cytoplasmic
Chromosome Location	11q12.2
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Tonsil stained with CD6 Rabbit Recombinant Monoclonal Antibody (C6/2884R).

SDS-PAGE
SDS-PAGE Analysis Purified CD6 Rabbit Recombinant Monoclonal Antibody (C6/2884R).
Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD6 antibody	Recombinant Rabbit Monoclonal Antibody
References	Bazil, V et. al. 1989. Monoclonal antibodies against human leucocyte antigens. III. Antibodies against CD45R, CD6, CD44 and two newly described broadly expressed glycoproteins MEM-53 and MEM-102. Folia. Biol. 35:289-297.

NCBI AND UNIPROT INFORMATION

NCBI GI #	363543322
NCBI GeneID	923
NCBI Accession #	NP_001241679.1
NCBI GenBank Nucleotide #	NM_001254750.1
UniProt Accession #	P30203; Q9UMF2; Q9Y4K7; Q9Y4K8; Q9Y4K9; Q9Y4L0; A4KAD4; A4KAD5
Molecular Weight	90-130kDa
NCBI Official Full Name	T-cell differentiation antigen CD6 isoform 2
NCBI Official Synonym Full Names	CD6 molecule
NCBI Official Symbol	CD6
NCBI Official Synonym Symbols	TP120
NCBI Protein Information	T-cell differentiation antigen CD6
UniProt Protein Name	T-cell differentiation antigen CD6
UniProt Gene Name	CD6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.