

Rabbit anti-Human CD6 Polyclonal Antibody | anti-CD6 antibody

CD6 Polyclonal Antibody

CATALOG # AAA296346	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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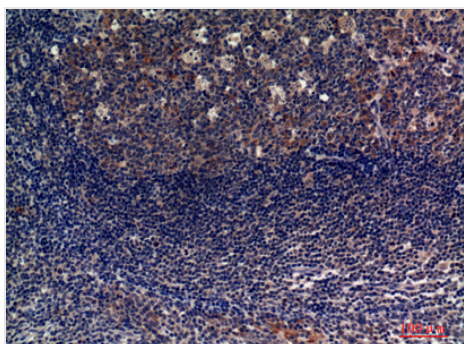
PRODUCT SYNONYMS

CD6; Polyclonal Antibody; CD6 Polyclonal Antibody; T-cell differentiation antigen CD6; T12; TP120; anti-CD6 antibody

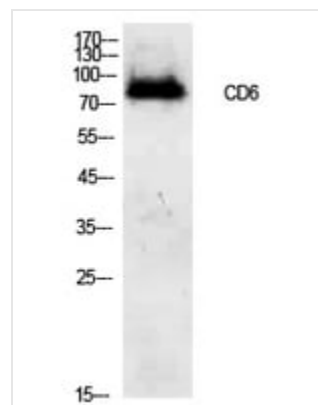
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-CD6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

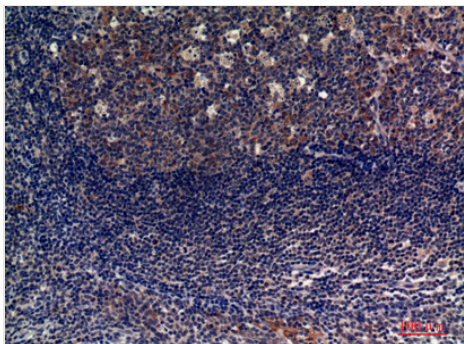
IMAGES


IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

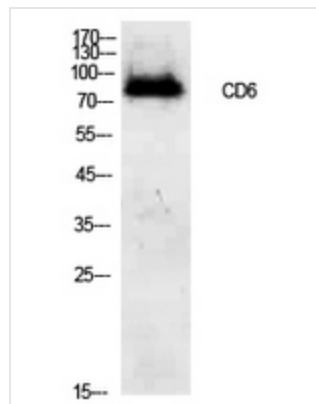

WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-CD6 antibody

Cell adhesion molecule that mediates cell-cell contacts and regulates T-cell responses via its interaction with ALCAM/CD166 (PubMed:15294938, PubMed:16352806, PubMed:16914752, PubMed:24945728, PubMed:24584089). Contributes to signaling cascades triggered by activation of the TCR/CD3 complex (PubMed:16352806, PubMed:16914752). Contributes to the formation and maturation of the immunological synapse (PubMed:16352806). Functions as calcium-dependent pattern receptor that binds and aggregates both Gram-positive and Gram-negative bacteria. Binds both lipopolysaccharide (LPS) from Gram-negative bacteria and lipoteichoic acid from Gram-positive bacteria (PubMed:17601777). LPS binding leads to the activation of signaling cascades and down-stream MAP kinases (PubMed:17601777). Mediates activation of the inflammatory response and the secretion of pro-inflammatory cytokines in response to LPS (PubMed:17601777).

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
Molecular Weight	71,801 Da
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; T12; CD6 antigen
UniProt Protein Name	T-cell differentiation antigen CD6
UniProt Gene Name	CD6
UniProt Entry Name	CD6_HUMAN

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.