

Rabbit anti-Human CD3G Polyclonal Antibody | anti-CD3G antibody

CD3G Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283638	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

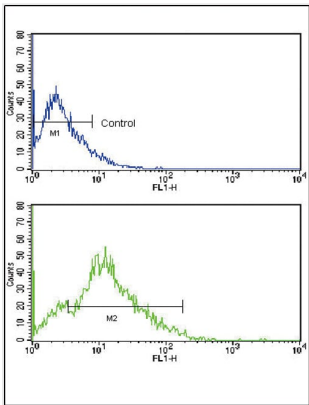
PRODUCT SYNONYMS

CD3G; Polyclonal Antibody; CD3G Antibody (N-term); T-cell surface glycoprotein CD3 gamma chain; T-cell receptor T3 gamma chain; CD3g; T3G; anti-CD3G antibody

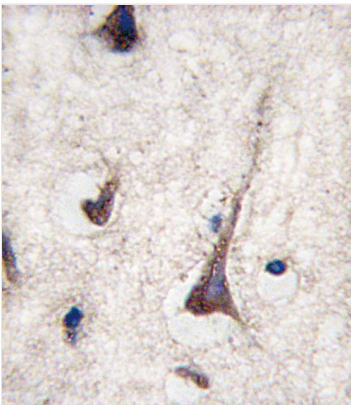
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD3G antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 48-76 amino acids from the N-terminal region of human CD3G.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	48-76
Sequence Length	182
Applicable Applications for anti-CD3G antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

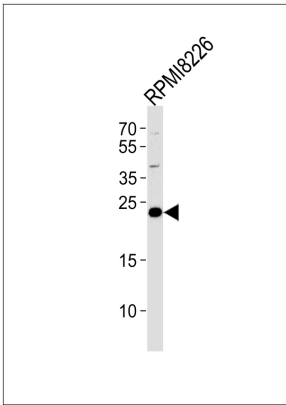
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HL-60 cells using CD3G Antibody (N-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with CD3G antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
CD3G Antibody (N-term) western blot analysis in RPMI8226 cell line lysates (35ug/lane).This demonstrates the CD3G antibody detected the CD3G protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CD3G antibody	CD3G is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in the CD3G gene are associated with T cell immunodeficiency.
Product Categories/Family for anti-CD3G antibody	Crown Antibodies; Immunology; Signal Transduction
References	Siegers,G.M., J. Exp. Med. 204 (11), 2537-2544 (2007) Sigalov,A.B., Biochemistry 45 (51), 15731-15739 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557429
NCBI GeneID	917
NCBI Accession #	NP_000064.1
NCBI GenBank Nucleotide #	NM_000073.2
UniProt Accession #	P09693; Q2HIZ6

Molecular Weight	20469
NCBI Official Full Name	T-cell surface glycoprotein CD3 gamma chain
NCBI Official Synonym Full Names	CD3g molecule, gamma (CD3-TCR complex)
NCBI Official Symbol	CD3G
NCBI Official Synonym Symbols	T3G; IMD17; CD3-GAMMA
NCBI Protein Information	T-cell surface glycoprotein CD3 gamma chain
UniProt Protein Name	T-cell surface glycoprotein CD3 gamma chain
UniProt Gene Name	CD3G
UniProt Synonym Gene Names	T3G
UniProt Entry Name	CD3G_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd3g-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/283638>