

Rabbit anti-Human, Mouse CD3G Monoclonal Antibody | anti-CD3G antibody

CD3G Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312631	Rabbit	Human, Mouse	Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

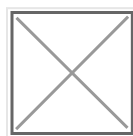
PRODUCT SYNONYMS

CD3G; Monoclonal Antibody; CD3G Antibody; CD3 gamma antibody; CD3-GAMMA antibody; CD3g antibody; CD3g antigen gamma polypeptide (TiT3 complex) antibody; CD3g antigen gamma polypeptide antibody; CD3g molecule gamma (CD3 TCR complex) antibody; CD3g molecule gamma antibody; CD3G_HUMAN antibody; FLJ17620 antibody; FLJ17664 antibody; FLJ79544 antibody; FLJ94613 antibody; MGC138597 antibody; T cell antigen receptor complex gamma subunit of T3 antibody; T-cell receptor T3 gamma chain antibody; T-cell surface glycoprotein CD3 gamma chain antibody; T3G antibody; anti-CD3G antibody

PRODUCT SPECIFICATIONS

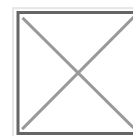
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	JB38-29
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD3G antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



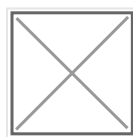
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells with CD3G antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



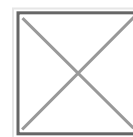
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD3G antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD3G antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of CD3G on mouse thymus tissue lysate using anti-CD3G antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CD3G antibody	The T cell antigen receptor (TCR) recognizes foreign antigens and translates such recognition events into intracellular signals that elicit a change in the cell from a dormant to an activated state. Much of this signaling process can be attributed to a multisubunit complex of proteins that associates directly with the TCR. This complex has been designated CD3 (cluster of differentiation 3). It is composed of five invariant polypeptide chains that associate to form three dimers: a heterodimer of gamma and epsilon chains (gammaepsilon), a heterodimer of delta and epsilon chains (delta epsilon) and a homodimer of two zeta chains (zetazeta) or a heterodimer of zeta and eta chains (zetaeta). The zeta and eta chains are encoded by the same gene but differ in their carboxyl-terminal ends due to an alternative splicing event. The gamma, epsilon and delta chains each contain a single copy of a conserved immunoreceptor tyrosine-based activation motif (ITAM).
Product Categories/Family for anti-CD3G antibody	Total protein Ab

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
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; CD3g antigen, gamma polypeptide (TiT3 complex); CD3g molecule, epsilon (CD3-TCR complex); T-cell antigen receptor complex, gamma subunit of T3; T-cell receptor T3 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd3g-antibody-clone-jb38-29-immunoprecipitation-flow-cytometry-immunohistochemistry-western-blot-elisa/312631>