

Datasheet for ABIN5611368
anti-CD3G antibody (AA 23-116)

5 Images



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CD3G
Binding Specificity:	AA 23-116
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD3G antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	CD3G Antibody
Immunogen:	Purified recombinant fragment of human CD3G (AA: 23-116) expressed in E. Coli.
Clone:	5B7B2
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	CD3G
Alternative Name:	CD3G (CD3G Products)
Background:	Description: The protein encoded by this gene is the CD3-gamma polypeptide, which together

Target Details

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 this gene are associated with T cell immunodeficiency.

Aliases: T3G, IMD17, CD3-GAMMA

Molecular Weight: 20.5kDa

Gene ID: 917

HGNC: 917

UniProt: [P09693](#)

Pathways: [TCR Signaling](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

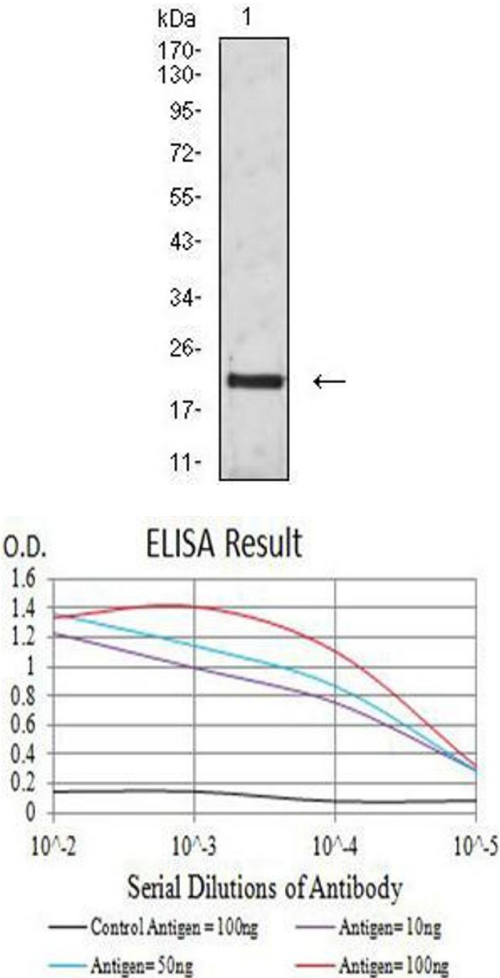
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

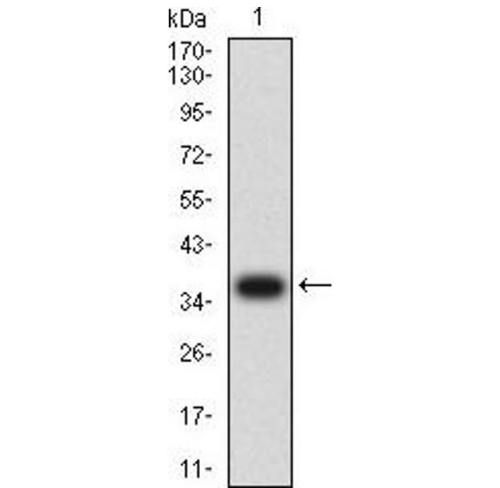


Western Blotting

Image 1. Western blot analysis using CD3G mouse mAb against Jurkat (1) cell lysate.

ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD3G mAb against human CD3G (AA: extra 23-116) recombinant protein. (Expected MW is 36.6 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611368.