

#M005947



## CD3g Antibody

- 50ul
- 100 uL

<b>Order</b>	021-34695924 orders@ab-mart.com
<b>Support</b>	400-6123-828 support1@ab-mart.com
<b>Web</b>	www.abmart.cn

### Description:

Part of the TCR-CD3 complex present on T-lymphocyte cell surface that plays an essential role in adaptive immune response. When antigen presenting cells (APCs) activate T-cell receptor (TCR), TCR-mediated signals are transmitted across the cell membrane by the CD3 chains CD3D, CD3E, CD3G and CD3Z. All CD3 chains contain immunoreceptor tyrosine-based activation motifs (ITAMs) in their cytoplasmic domain. Upon TCR engagement, these motifs become phosphorylated by Src family protein tyrosine kinases LCK and FYN, resulting in the activation of downstream signaling pathways. In addition to this role of signal transduction in T-cell activation, CD3G plays an essential role in the dynamic regulation of TCR expression at the cell surface. Indeed, constitutive TCR cycling is dependent on the di-leucine-based (diL) receptor-sorting motif present in CD3G.

**Uniprot:** P09693

### Alternative Names:

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

**Specificity:** CD3g Antibody detects endogenous levels of total CD3g.

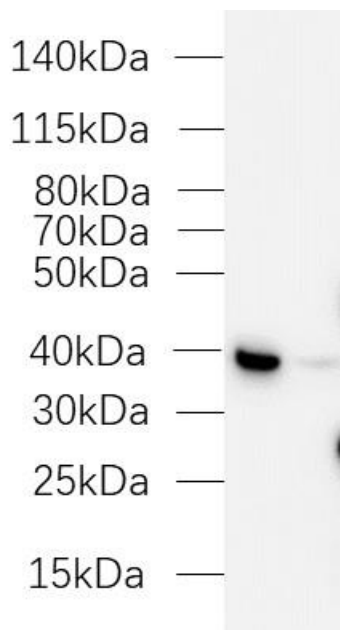
**Reactivity:** Human

**Source:** Mouse

**Mol.Wt.:** 35-40KD(Glycosylation); 20 kDa(Calculated);

**Storage Condition:** Store at -20 °C. Stable for 12 months from date of receipt.

**Application:** WB 1:1000-1:2000;



Western blot analysis of CD47 using Lane 1: Jurkat and Lane 2: THP-1 whole cell lysates

### 其他推荐产品

- #M20001 His-Tag (2A8) Mouse mAb
- #M20002 Myc-Tag (19C2) Mouse mAb
- #M20003 HA-Tag (26D11) Mouse mAb
- #M20004 GFP-Tag (7G9) Mouse mAb
- #M20007 GST-Tag (12G8) Mouse mAb
- #M20008 DYDDDDDK-Tag (3B9) Mouse mAb (Binds to same epitope as Sigma' s Anti-FLAG M2 Antibody)
- #M20012 Anti-Myc-Tag Mouse mAb (Agarose Conjugated)
- #M20013 Anti-HA-Tag Mouse mAb (Agarose Conjugated)
- #M20018 Anti-DYKDDDDK-Tag Mouse Antibody (Agarose Conjugated) (Same as Sigma' s Anti-FLAG M2)
- #M20118 Anti-DYKDDDDK-Tag Mouse Antibody (Magnetic Beads) (Same as Sigma' s Anti-FLAG M2)