# CD37 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

NCBI/Uniprot data below describe general gene information for CD37. It may not necessarily be applicable to this product.

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| **Product Name** | CD37, Polyclonal Antibody |
| **Full Product Name** | CD37, ID (CD37, TSPAN26, Leukocyte antigen CD37, Tetraspanin-26, CD37) (MaxLight 650) |
| **Product Gene Name** | anti-CD37 antibody |
| **Product Synonym Names** | CD37; TSPAN26; Leukocyte antigen CD37; Tetraspanin-26; CD37 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Specificity** | Recognizes human CD37. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Chromosome Location** | **chromosome:** 19; **Location:** |
| **OMIM** | 151523 |
| **3D Structure** | ModBase 3D Structure for P11049 |
| **Immunogen** | KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 101-130 in the central region of human CD37, UniProt Accession #P11049. |
| **Conjugate** | MaxLight650 |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-CD37 antibody** | Antibodies; CD Markers |
| **Applications Tested/Suitable for anti-CD37 antibody** | Flow Cytometry (FC/FACS), Western Blot (WB), FLISA |
| **Application Notes for anti-CD37 antibody** | FC/FACS: 1:10-1:50<br>WB: 1:1000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-CD37 antibody** | MBS6283145 is an antibody targeting CD37. Also known as CD37, ID (CD37, TSPAN26, Leukocyte antigen CD37, Tetraspanin-26, CD37) (MaxLight 650). Reactive in Human. Host: Rabbit. |
| **Product References and Citations for anti-CD37 antibody** | 1. Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010). 2. Gartlan, K.H., et al. J. Immunol. 185(6):3158-3166(2010). 3. Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009). 4. Zhao, X., et al. Blood 110(7):2569-2577(2007). 5. Meyer-Wentrup, F., et al. J. Immunol. 178(1):154-162(2007). |

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| **Other Notes** | Small volumes of anti-CD37 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **NCBI GI #** | 4502663 |
| **NCBI GeneID** | 951 |
| **NCBI Accession #** | NP_001765.1 |
| **UniProt Primary Accession #** | P11049 |
| **UniProt Secondary Accession #** | Q3KPF9 |
| **NCBI Official Full Name** | leukocyte antigen CD37 isoform A [Homo sapiens] |
| **NCBI Official Synonym Full Names** | CD37 molecule |
| **NCBI Official Symbol** | CD37 |
| **NCBI Official Synonym Symbols** | GP52-40; TSPAN26; MGC120234; CD37 |
| **UniProt Protein Name** | Leukocyte antigen CD37 |
| **UniProt Synonym Protein Names** | Tetraspanin-26; Tspan-26; CD_antigen: CD37 |
| **Protein Family** | Leukocyte antigen |
| **UniProt Gene Name** | CD37 |
| **UniProt Synonym Gene Names** | TSPAN26; Tspan-26 |
| **UniProt Entry Name** | CD37_HUMAN |
| **UniProt Comments for CD37** | CD37: is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]<br><br>Protein type: Membrane protein, integral; Membrane protein, multi-pass<br><br>Chromosomal Location of Human Ortholog: 19q13.3<br><br>Cellular Component: immunological synapse; integral to plasma membrane; membrane<br><br>Molecular Function: protein binding<br><br>Biological Process: cell surface receptor linked signal transduction |
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## ADDITIONAL DETAILS

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