

CD37 monoclonal antibody, clone CT1

Catalog # MAB22776

Size

Specification

| | |
|----------------------------|--|
| Product Description | Mouse monoclonal antibody raised against partial recombinant human CD37. |
| Immunogen | Recombinant protein corresponding to a portion of the extracellular region of the human CD37. |
| Host | Mouse |
| Reactivity | Human |
| Specificity | Human CD37 antigen. |
| Form | Lyophilized |
| Isotype | IgG1 |
| Recommend Usage | Immunohistochemistry (1:20-1:40) The optimal working dilution should be determined by the end user. |
| Storage Buffer | Lyophilized from tissue culture supernatant (15 mM sodium azide). |
| Storage Instruction | Store unopened lyophilized antibody at 4°C. After reconstitution with sterile distilled water, the reconstituted antibody is stable for at least two months when stored at 4°C. For long term storage, it is recommended that aliquots of the antibody are frozen at -20°C (frost-free freezers are not recommended). Aliquot to avoid repeated freezing and thawing. Prepare working dilutions on the day of use. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Recommended positive control for immunohistochemistry is tonsil. |

Applications

- Immunohistochemistry

Gene Info — CD37

| | |
|--------------------|---|
| Entrez GeneID | 951 |
| Gene Name | CD37 |
| Gene Alias | GP52-40, MGC120234, TSPAN26 |
| Gene Description | CD37 molecule |
| Omim ID | 151523 |
| Gene Ontology | Hyperlink |
| Gene Summary | <p>The protein encoded by this gene 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]</p> |
| Other Designations | CD37 antigen cell differentiation antigen 37 leukocyte surface antigen CD37 tetraspanin-26 |

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)