

## Product datasheet for **TA386370**

### CD53 Mouse Monoclonal Antibody [Clone ID: 161-2 (53/2)]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	161-2 (53/2)
Applications:	FC, FN, IF
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing mice with stimulated human leukocytes.
Specificity:	<p>This antibody recognizes human CD53. It does not react with the baboon and horse antigen. Cd53 is a member of tetraspanin family and is involved in cellular activation as part of a signal transduction complex involving other membrane glycoproteins.</p> <p>This antibody is recommended for the detection and analysis of CD53 via flow cytometry and immunofluorescence. Additionally, one group utilized this antibody for the ligation of the CD53 antigen while researching the potential involvement of tetraspanins (such as CD53) in tumor metastasis (Yunta et al., 2002). Furthermore, CD53 appears to be the marker with widest reactivity as well as the marker with the strictest specificity to hematopoietic cells, as it is expressed on monocytes and macrophages, dendritic cells, osteoblasts and osteoclasts, and on T and B cells from every stage of differentiation but is absent from platelets, red blood cells.</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	CD53 molecule
Database Link:	<a href="#">Entrez Gene 963 Human P19397</a>



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**Synonyms:** MOX44; tetraspanin-25; Tspan-25; TSPAN25