

Product datasheet for **TA386336**

CD53 Mouse Monoclonal Antibody [Clone ID: HD77]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HD77
Applications:	FC, IF, IHC, IP, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunising mice with human leukemia cells.
Specificity:	This antibody is specific for the extracytoplasmic part of human CD53, a pan-leukocyte antigen.

This antibody has applications in the detection of normal and neoplastic white blood cells. This antibody has been used to stain tumour and mononuclear cells for CD53 expression in flow cytometric analysis of samples from ovarian carcinoma patients (Marme et al, 2002), and cells of the colon carcinoma line HT29 (Koretz et al, 1992). In immunohistochemical analysis of frozen tissue sections, this antibody has been shown to react with osteoclasts and osteoclast-like giant cells in malignant fibrous histiocytoma and in benign giant cell tumor of tendon sheath (Mechtersheimer et al, 1990). This antibody has been used to re-immunoprecipitate CD53 from PKC α immunoprecipitates (Zhang et al, 2001).

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:	Entrez Gene 963 Human P19397



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