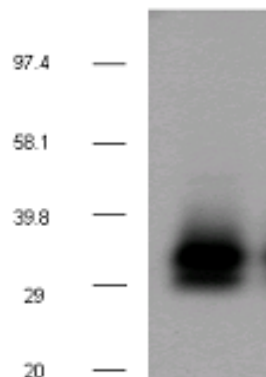


CD53

Mouse Anti-Human CD53 (Clone TS53) mAb, Azide Free

Catalog No.	CDM441A CDM441B	Quantity:	200 µg 500 µg
Alternate Names:	Leukocyte surface antigen CD53, Cell surface glycoprotein CD53, CD53 antigen, Tetraspanin-25, Tspan-25.		
Description:	The monoclonal antibody recognizes CD53, 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. It contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation.		
UniProt ID:	P19397		
Specificity:	Recognizes the MEM-53 antigen, a 30-50 kDa (smear) protein		
Concentration:	1.0 mg/ml		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Isotype:	Mouse IgG1κ		
Immunogen:	Jurkat cell line		
Clone:	TS53		
Formulation:	Sterile-filtered PBS, treated to remove endotoxins. Carrier and preservative free.		
Purification:	Affinity chromatography from serum free hybridoma culture supernatant		
Applications:	Western Blot (non-reducing), Flow Cytometry, Immunoprecipitation		
Storage & Stability:	Stable for 1 year at 2-8°C. For longer storage, freeze in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

1.3x10⁵ Raji cells were lysed. Migration SDS/page 5-15% gel under non-reducing conditions.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com

cellsciences.com



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com