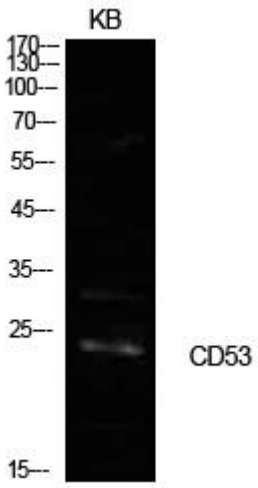
CD53 Monoclonal Antibody

Catalog No	BYmab-14056
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CD53
Protein Name	Leukocyte surface antigen CD53
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CD53. AA range:91-140
Specificity	CD53 Monoclonal Antibody detects endogenous levels of CD53 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD53; MOX44; TSPAN25; Leukocyte surface antigen CD53; Cell surface glycoprotein CD53; Tetraspanin-25; Tspan-25; CD53
Observed Band	24kD
Cell Pathway	Cell membrane . Cell junction . Membrane; Multi-pass membrane protein. Concentrates in localized microdomains along the plasma membrane at the contact sites between cells of fused myotubes. .
Tissue Specificity	B-cells, monocytes, macrophages, neutrophils, single (CD4 or CD8) positive thymocytes and peripheral T-cells.
Function	function:May be involved in growth regulation in hematopoietic cells.,similarity:Belongs to the tetraspanin (TM4SF) family.,tissue specificity:B-cells, monocytes, macrophages, neutrophils, single (CD4 or CD8) positive thymocytes and peripheral T-cells.,
Background	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. 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. Familial deficiency of this gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD53 Monoclonal Antibody