

CD229 Polyclonal Antibody

Catalog No :	YT5271
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	CD229
Gene Name :	LY9
Protein Name :	T-lymphocyte surface antigen Ly-9
Human Gene Id :	4063
Human Swiss Prot No :	Q9HBG7
Mouse Gene Id :	17085
Mouse Swiss Prot No :	Q01965
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human LY9. AA range:261-310
Specificity :	CD229 Polyclonal Antibody detects endogenous levels of CD229 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 72kD

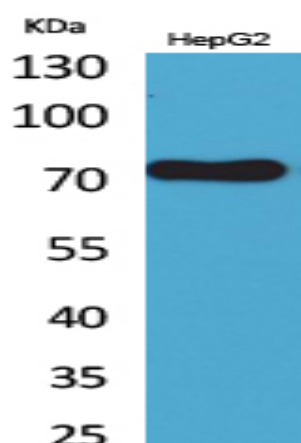
Background : LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490) (Graham et al., 2006 [PubMed 16365421]).[supplied by OMIM, Mar 2008],

Function : alternative products:Experimental confirmation may be lacking for some isoforms,function:May participate in adhesion reactions between T lymphocytes and accessory cells by homophilic interaction.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,similarity:Contains 2 Ig-like V-type (immunoglobulin-like) domains.,

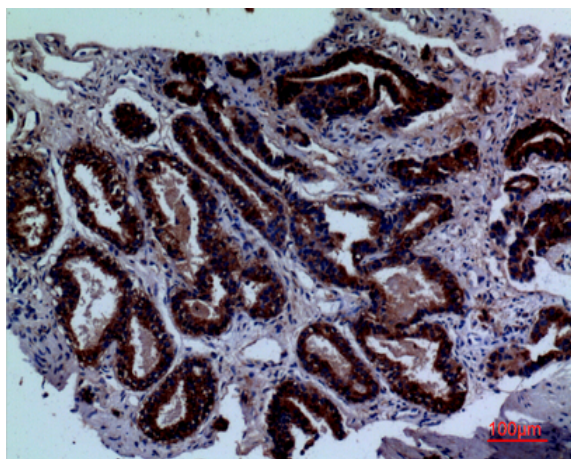
Subcellular Location : Membrane; Single-pass type I membrane protein. Cell membrane .

Expression : Increased surface expression on T-cells of systemic lupus erythematosus (SLE) patients.

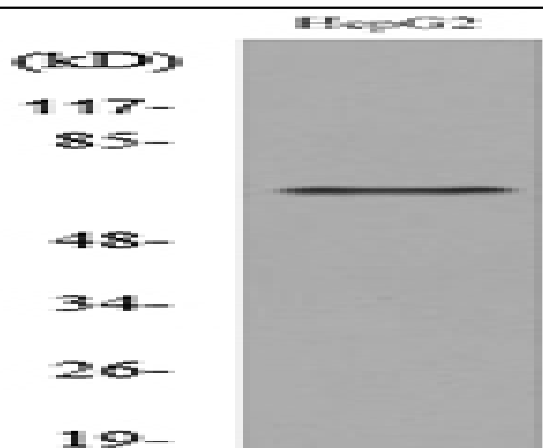
Products Images



Western Blot analysis of HepG2 cells using CD229 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-prostate-cancer, antibody was diluted at 1:100



Western blot analysis of lysate from HepG2 cells, using LY9 Antibody.