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**Product Name: CD229 Rabbit Polyclonal Antibody****Catalog #: APRab08291**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
<b>Molecular Weight</b>	72kDa

**Antigen Information**

<b>Gene Name</b>	LY9
<b>Alternative Names</b>	LY9; CDABP0070; T-lymphocyte surface antigen Ly-9; Cell surface molecule Ly-9; Lymphocyte antigen 9; CD229
<b>Gene ID</b>	4063.0
<b>SwissProt ID</b>	Q9HBG7
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human LY9. AA range:261-310

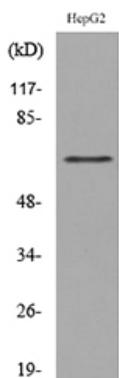
**Background**

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],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.,

## Research Area

Immunology; Adaptive Immunity; T Cells; CD; B Cells; Stem Cells; Hematopoietic Progenitors; Lymphoid; NK Cell Lineage

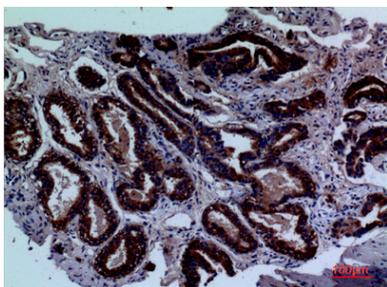
## Image Data



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



Western Blot analysis of HepG2 cells using CD229 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



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