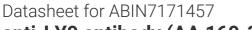
# antibodies - online.com







# anti-LY9 antibody (AA 160-360)





### Overview

Quantity:	100 μL
Target:	LY9 (CD229)
Binding Specificity:	AA 160-360
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LY9 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

# **Product Details**

Immunogen:	Recombinant Human T-lymphocyte surface antigen Ly-9 protein (160-360AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	Antigen Affinity Purified	

# Target Details

Target:	LY9 (CD229)	
Alternative Name:	LY9 (CD229 Products)	
Background:	Background: Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM)	
	family. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating	

the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response. Activities are controlled by presence or absence of small cytoplasmic adapter proteins, SH2D1A/SAP and/or SH2D1B/EAT-2. May participate in adhesion reactions between T lymphocytes and accessory cells by homophilic interaction. Promotes T-cell differentiation into a helper T-cell Th17 phenotype leading to increased IL-17 secretion, the costimulatory activity requires SH2D1A (PubMed:22184727). Promotes recruitment of RORC to the IL-17 promoter (PubMed:22989874). May be involved in the maintenance of peripheral cell tolerance by serving as a negative regulator of the immune response. May disable autoantibody responses and inhibit IFN-gamma secretion by CD4(+) T-cells. May negatively regulate the size of thymic innate CD8(+) T-cells and the development of invariant natural killer T (iNKT) cells (By similarity).

Aliases: CD229 antibody, Cell surface molecule Ly-9 antibody, Cell surface molecule Ly9 antibody, hly9 antibody, LY 9 antibody, Ly9 antibody, LY9\_HUMAN antibody, Lymphocyte antigen 9 antibody, mLY9 antibody, Signaling lymphocytic activation molecule 3 antibody, SLAM family member 3 antibody, SLAMF3 antibody, T lymphocyte surface antigen Ly9 precursor antibody, T-lymphocyte surface antigen Ly-9 antibody

UniProt:

Q9HBG7

Pathways:

**BCR** Signaling

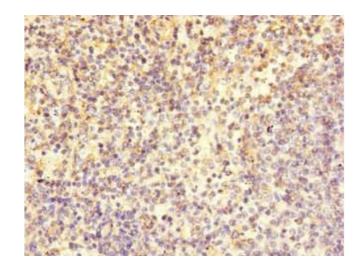
### **Application Details**

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Application Notes.	Recommended dilution, in to. 1.20 1.200,

Restrictions: For Research Use only

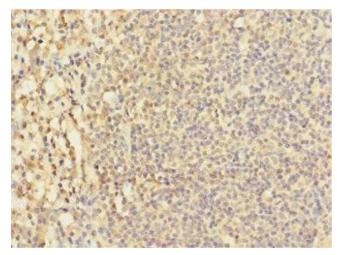
# Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



# **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human spleen tissue using ABIN7171457 at dilution of 1:100



# **Immunohistochemistry**

**Image 2.** Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7171457 at dilution of 1:100