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anti-CD51 antibody (AA 71-322)



Images



Overview

Quantity:	100 μL
Target:	CD51 (ITGAV)
Binding Specificity:	AA 71-322
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD51 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

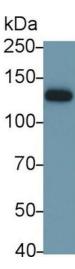
Purpose:	Polyclonal Antibody to Integrin Alpha V (ITGaV)
Immunogen:	Recombinant Integrin Alpha V (ITGaV) corresdonding to Pro71~Asp322 (Accession # P43406)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ITGaV. It has been selected for its ability to recognize ITGaV in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CD51 (ITGAV)
Alternative Name:	Integrin Alpha V (ITGAV Products)
Background:	CD51, ITG-AV, MSK8, VNRA, Vitronectin Receptor, Alpha Polypeptide
Pathways:	Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2, Growth Factor Binding, Integrin Complex

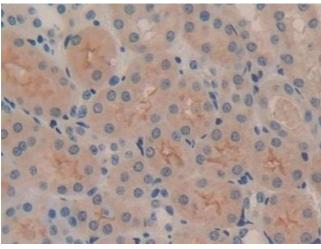
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL Immunohistochemistry: 5-20 μg/mL Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



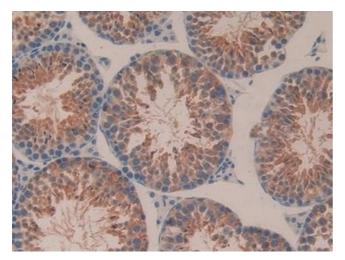
Western Blotting

Image 1. Detection of ITGaV in Mouse Stomach lysate using Polyclonal Antibody to Integrin Alpha V (ITGaV)



Immunohistochemistry

Image 2. Detection of ITGaV in Mouse Kidney Tissue using Polyclonal Antibody to Integrin Alpha V (ITGaV)



Immunohistochemistry

Image 3. Detection of ITGaV in Mouse Testis Tissue using Polyclonal Antibody to Integrin Alpha V (ITGaV)