

Datasheet for ABIN7442105
anti-ITGA5 antibody (AA 649-900)

2 Images

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Overview

Quantity:	100 µL
Target:	ITGA5
Binding Specificity:	AA 649-900
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Integrin Alpha 5 (ITGa5)
Immunogen:	Recombinant Integrin Alpha 5 (ITGa5) corresponding to Cys649~Arg900 (Accession # 262073027) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ITGa5. It has been selected for its ability to recognize ITGa5 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ITGA5
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Target Details

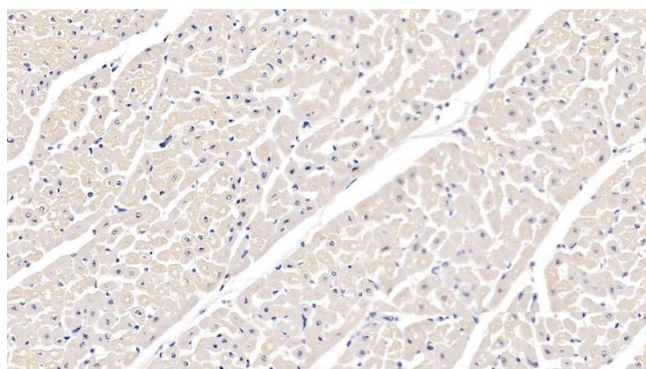
Alternative Name:	Integrin Alpha 5 (ITGA5 Products)
Background:	CD49e, CD49-E, ITG-A5, FNRA, VLA5A, Fibronectin Receptor, Alpha Polypeptide, Integrin alpha-F, CD49 antigen-like family member E
Pathways:	Integrin Complex

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

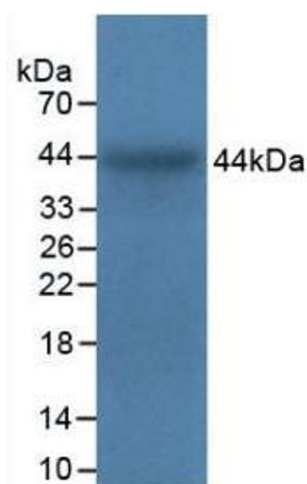
Handling

Format:	Liquid
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



Immunohistochemistry

Image 1. Detection of ITGa5 in Bovine Cardiac Muscle Tissue using Polyclonal Antibody to Integrin Alpha 5 (ITGa5)



Western Blotting

Image 2. Detection of Recombinant ITGa5, Bovine using Polyclonal Antibody to Integrin Alpha 5 (ITGa5)