

Datasheet for ABIN7425590
anti-CD166 antibody (AA 28-527)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CD166 (ALCAM)
Binding Specificity:	AA 28-527
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Activated Leukocyte Cell Adhesion Molecule (ALCAM)
Immunogen:	Recombinant Activated Leukocyte Cell Adhesion Molecule (ALCAM) corresponding to Trp28~Lys527 (Accession # Q13740)
Clone:	5-2#
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against ALCAM. It has been selected for its ability to recognize ALCAM in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

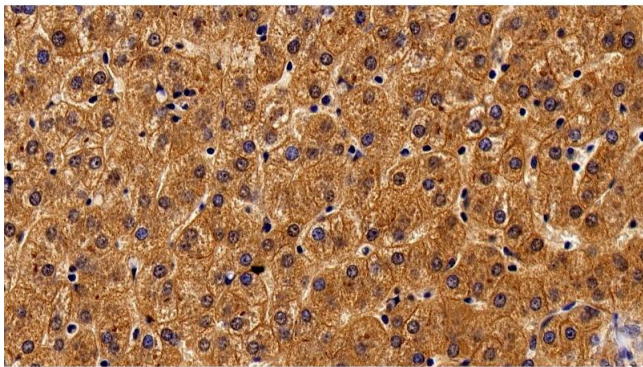
Target:	CD166 (ALCAM)
Alternative Name:	Activated Leukocyte Cell Adhesion Molecule (ALCAM Products)
Background:	CD166, MEMD, Activated Leucocyte Cell Adhesion Molecule

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

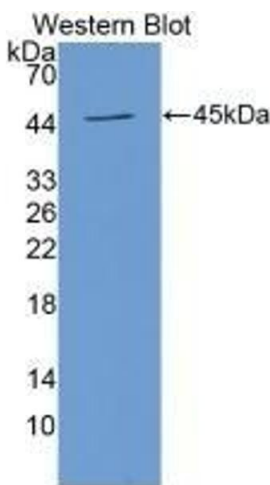
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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



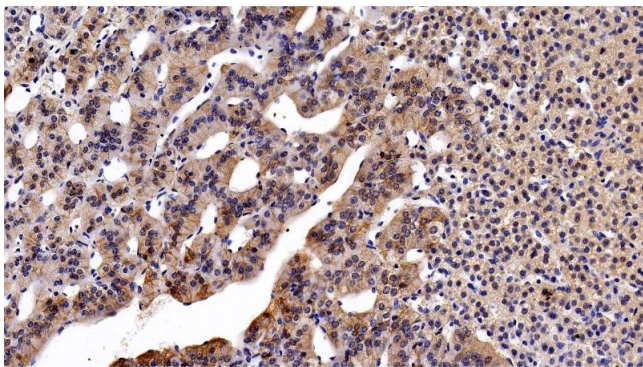
Immunohistochemistry

Image 1. Detection of ALCAM in Human Liver Tissue using Monoclonal Antibody to Activated Leukocyte Cell Adhesion Molecule (ALCAM)



Western Blotting

Image 2. Detection of Recombinant ALCAM, Human using Monoclonal Antibody to Activated Leukocyte Cell Adhesion Molecule (ALCAM)



Immunohistochemistry

Image 3. Detection of ALCAM in Human Adrenal gland Tissue using Monoclonal Antibody to Activated Leukocyte Cell Adhesion Molecule (ALCAM)