

Datasheet for ABIN7159681
anti-MICA antibody (AA 24-307)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MICA
Binding Specificity:	AA 24-307
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MICA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human MHC class I polypeptide-related sequence A protein (24-307AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	MICA
Alternative Name:	MICA (MICA Products)
Background:	Background: Seems to have no role in antigen presentation. Acts as a stress-induced self-antigen that is recognized by gamma delta T-cells. Ligand for the KLRK1/NKG2D receptor.

Target Details

Binding to KLRK1 leads to cell lysis.

Aliases: MHC class I chain-related protein A antibody, MHC class I chain-related protein B antibody, MHC class I polypeptide related sequence A antibody, MHC class I polypeptide related sequence B antibody, MHC class I polypeptide-related sequence A antibody, MIC-A antibody, micA antibody, MICA_HUMAN antibody, MICB antibody

UniProt: [Q29983](#)

Pathways: [Activation of Innate immune Response](#), [Transition Metal Ion Homeostasis](#), [Human Leukocyte Antigen \(HLA\) in Adaptive Immune Response](#)

Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

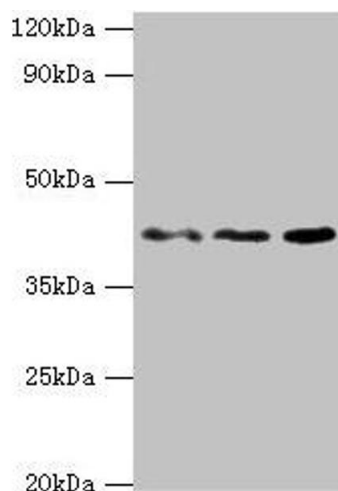
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

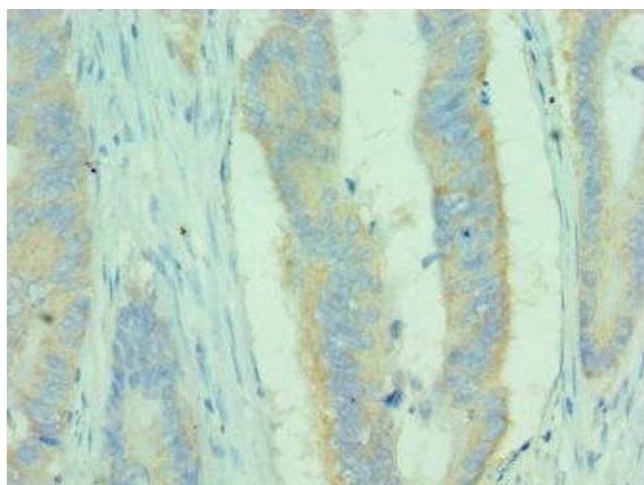
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot All lanes: MICA antibody at 8 µg/mL
Lane 1: MCF-7 whole cell lysate Lane 2: A431 whole cell lysate Lane 3: Mouse Stomach tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 43, 32 kDa Observed band size: 43 kDa



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7159681 at dilution of 1:100