

MICA antibody

Catalog No: #38237

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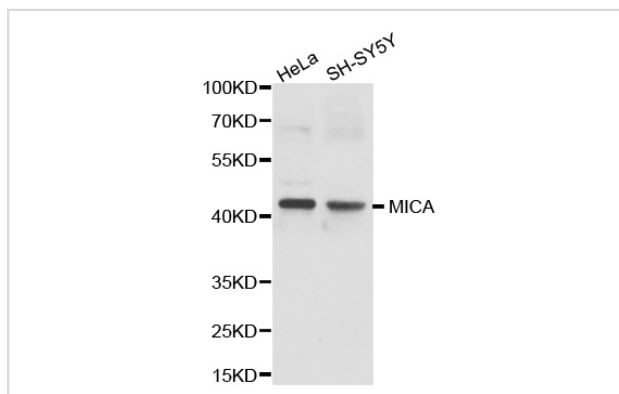
Description

Product Name	MICA antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total MICA antibody.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human MICA.
Target Name	MICA
Other Names	FLJ60820; MGC111087; PERB11.1; MICA;
Accession No.	Swiss-Prot#: Q29983NCBI Gene ID: 4276
SDS-PAGE MW	43kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using MICA antibody.

Background

MICA and MICB are stress-induced antigens that are related to major histocompatibility complex (MHC) class I molecules. MICA and MICB are frequently expressed in epithelial tumors. These highly glycosylated cell surface proteins are stably expressed without conventional class I peptide ligands or association with β -2-Microglobulin. The expression is induced on proliferating or heat shock-stressed epithelial cells. MICA and MICB are broadly recognized by intestinal epithelial Vd1 gd T cells expressing variable TCRs, suggesting that these antigens may play a central role in the

signaling of cellular distress to evoke immune responses in the intestinal epithelium.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.