

MICA

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW:43kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human MICA

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

FLJ60820; MGC111087; PERB11.1; MICA;

Catalog #:A1390

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:100507436

Isotype:IgG

Swiss Prot:Q29983

Purity:Affinity purification

For research use only.

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 b-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.

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