

## 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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