

**CAB12622**

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## Product Information

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|---------------------|----------|----------------------|-----------|--------------------|-------------|
| <b>Product SKU:</b> | CAB12622 | <b>Gene ID:</b>      | 100507436 | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | -        | <b>Host Species:</b> | Rabbit    | <b>Reactivity:</b> | Human,Mouse |

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## Additional Information

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| <b>Observed MW:</b>   | 50kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 43kDa | <b>Isotype:</b>   | IgG          |

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## Immunogen Information

**Background:** This gene encodes the highly polymorphic major histocompatibility complex class I chain-related protein A. The protein product is expressed on the cell surface, although unlike canonical class I molecules it does not seem to associate with beta-2-microglobulin. It is a ligand for the NKG2-D type II integral membrane protein receptor. The protein functions as a stress-induced antigen that is broadly recognized by intestinal epithelial gamma delta T cells. Variations in this gene have been associated with susceptibility to psoriasis 1 and psoriatic arthritis, and the shedding of MICA-related antibodies and ligands is involved in the progression from monoclonal gammopathy of undetermined significance to multiple myeloma. Alternative splicing of this gene results in multiple transcript variants.

**Recommended Dilution:** WB,1:500 - 1:2000

**Synonyms:** MIC-A; PERB11.1; MICA

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 24-307 of human MICA (NP\_000238.1).

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