

MICA RABBIT PAB

Cat.#: S216647

Product Name: Anti-MICA Rabbit Polyclonal Antibody

Synonyms: MIC-A; PERB11.1

UNIPROT ID: Q29983 (Gene Accession - BC016929)

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.

Immunogen: Fusion protein of human MICA

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

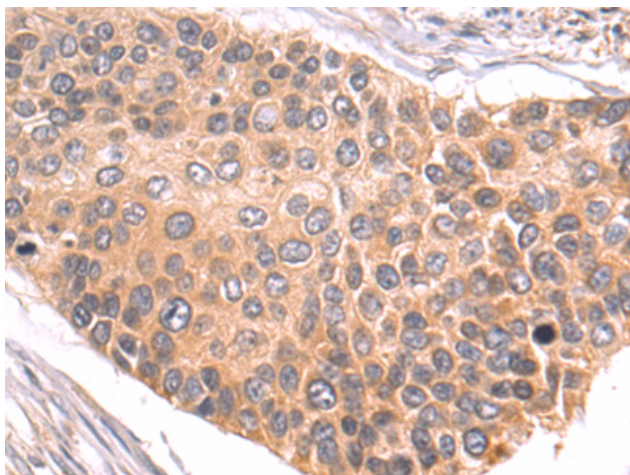
Purification: Antigen affinity purification

Species Reactivity: Human

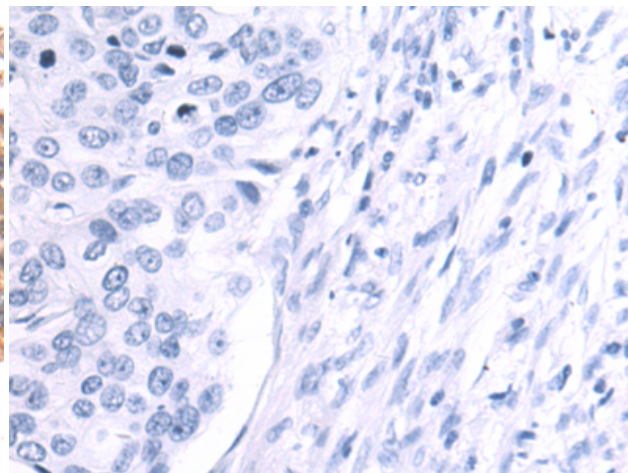
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Immunology

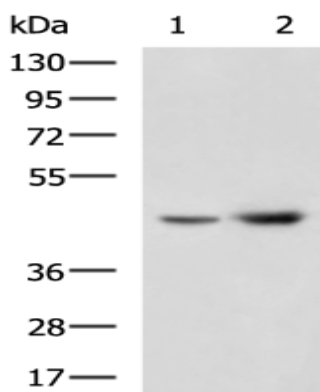
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 216647(MICA Antibody) at a dilution of 1/110(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 216647(Anti-MICA Antibody) at dilution 1/110.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
 Lane 1-2: Human placenta tissue, HeLa cell lysates;
 Primary antibody: 216647(MICA Antibody) at dilution 1/700;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 15 seconds