

Product datasheet for **TA364520S**

MICA Rabbit Polyclonal Antibody

Product data:

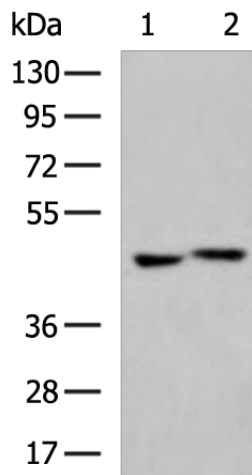
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Raji cell, Human placenta tissue lysates IHC: 50-100 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MICA
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	43 kDa
Gene Name:	MHC class I polypeptide-related sequence A
Database Link:	Entrez Gene 100507436 Human Q29983



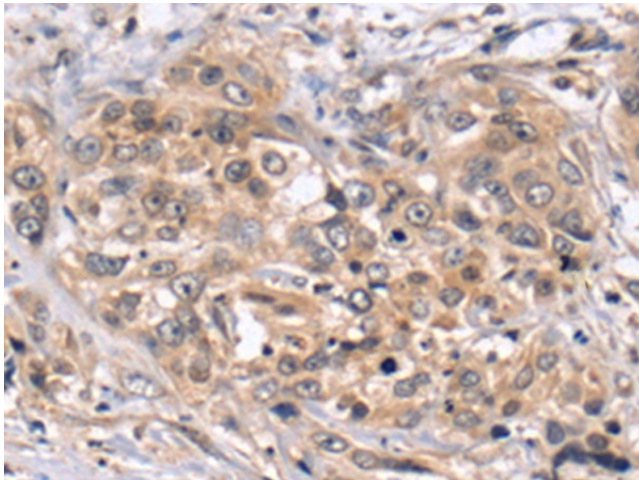
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Background:

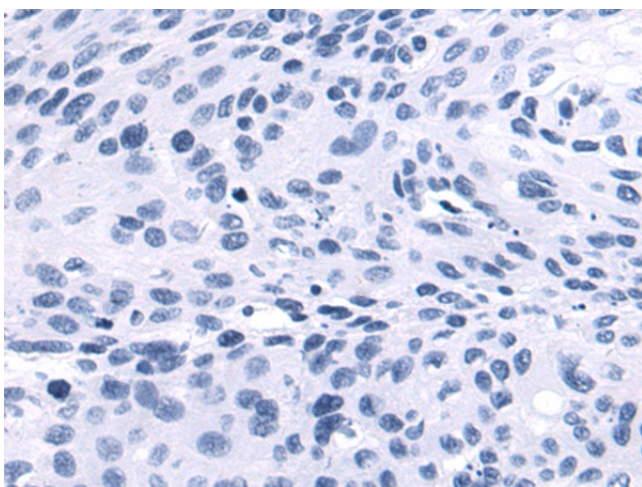
This gene encodes the highly polymorphic major histocompatibility complex class I chain-related protein A. The protein product is expressed on the cell surface, although unlike canonical class I molecules it does not seem to associate with beta-2-microglobulin. It is a ligand for the NKG2-D type II integral 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.

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Raji cell
Human placenta tissue lysates
Primary antibody: [TA364520] (MICA Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 15 seconds



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA364520] (MICA Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA364520] (MICA Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: $\times 200$)