

For Research Use Only

MXRA5 Polyclonal antibody, PBS Only

Catalog Number: 25472-1-PBS

Featured Product



Basic Information

Catalog Number:

25472-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_015419

GeneID (NCBI):

25878

UNIPROT ID:

Q9NR99

Full Name:

matrix-remodelling associated 5

Calculated MW:

312 kDa

Observed MW:

163 kDa, 312 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

MXRA5, or adlcan, is an adhesion proteoglycan involved in extracellular matrix (ECM) remodeling and cell-cell adhesion (PMID: 22696596). In kidney, MXRA5 has anti-inflammatory and anti-fibrotic properties by limiting the induction of chemokines, fibronectin and collagen expression in response to TGB1 and pro-inflammatory stimuli (PMID: 27599751). MXRA5 was identified as a novel biomarker in colorectal cancer, mainly located in the cytoplasm of CRC cells (PMID: 23420087). Exome sequencing identified MXRA5 as a novel cancer gene mutated in non-small cell lung carcinoma (PMID: 22696596). MXRA5 was detected 163 kDa in human proximal tubular cells (PMID: 27599751).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

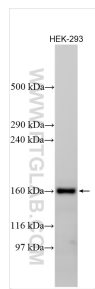
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

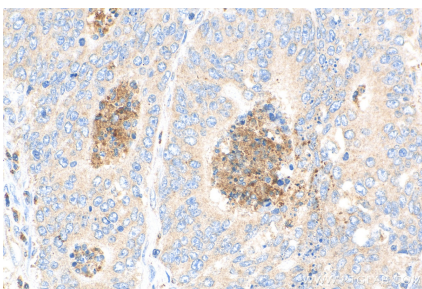
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25472-1-AP (MXRA5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25472-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25472-1-AP (MXRA5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25472-1-PBS in a different storage buffer formulation.