

PIGR Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3003
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human PIGR (AA: extra 19-170) expressed in E. Coli.
Mol wt	83.3kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC
Concentration	N/A
Full name	N/A
Synonyms	N/A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene is a member of the immunoglobulin superfamily. The encoded poly-Ig receptor binds polymeric immunoglobulin molecules at the basolateral surface of epithelial cells; the complex is then transported across the cell to be secreted at the apical surface. A significant association was found between immunoglobulin A nephropathy and several SNPs in this gene.

Recommended Dilution

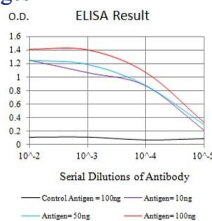
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

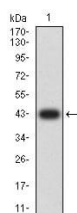
ELISA: 1:10000

Not yet tested in other applications.

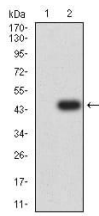
Images



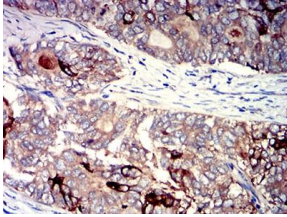
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



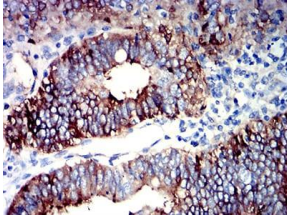
Western blot analysis using PIGR mAb against human PIGR (AA: extra 19-170) recombinant protein. (Expected MW is 42.6 kDa)



Western blot analysis using PIGR mAb against HEK293 (1) and PIGR (AA: extra 19-170)-hIgGFc transfected HEK293 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using PIGR mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues using PIGR mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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