

ARG44723
anti-PIGR antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes PIGR
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	PIGR
Species	Human
Conjugation	Un-conjugated
Alternate Names	Polymeric immunoglobulin receptor; Hepatocellular carcinoma-associated protein TB6; PIgR; Poly-Ig receptor

Application Instructions

Application table	Application	Dilution
	IHC-P	5-10 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

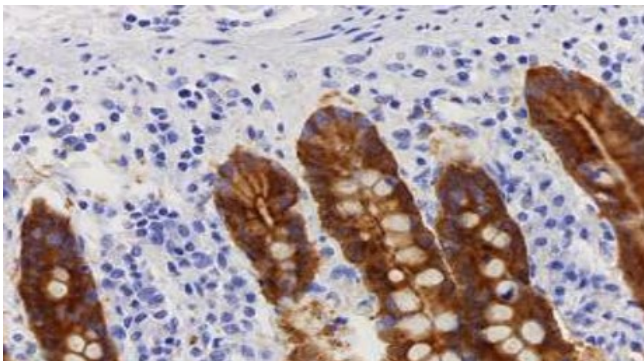
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PIGR
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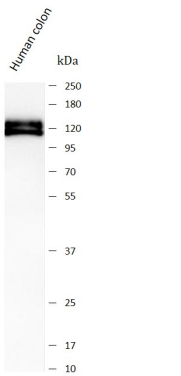
Gene Full Name	polymeric immunoglobulin receptor
Background	This gene is a member of the immunoglobulin superfamily. The encoded poly-Ig receptor binds polymeric immunoglobulin molecules at the basolateral surface of epithelial cells; the complex is then transported across the cell to be secreted at the apical surface. A significant association was found between immunoglobulin A nephropathy and several SNPs in this gene.[provided by RefSeq, Sep 2009]
Function	This receptor binds polymeric IgA and IgM at the basolateral surface of epithelial cells. The complex is then transported across the cell to be secreted at the apical surface. During this process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment. [UniProt]
Calculated Mw	85 kDa
Cellular Localization	Cell membrane, Single-pass type I membrane protein, Secreted. [UniProt]

Images



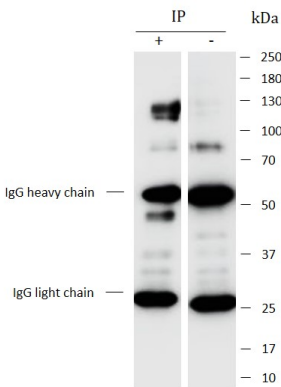
ARG44723 anti-PIGR antibody IHC-P image

Immunohistochemistry: Human colon stained with ARG44723 anti-PIGR antibody at 5 µg/mL dilution.



ARG44723 anti-PIGR antibody WB image

Western blot: Human colon stained with ARG44723 anti-PIGR antibody at 1 µg/mL dilution.



ARG44723 anti-PIGR antibody IP image

Immunoprecipitation: Human colon lysate immunoprecipitated with 2.5 µg of ARG44723 anti-PIGR antibody.