

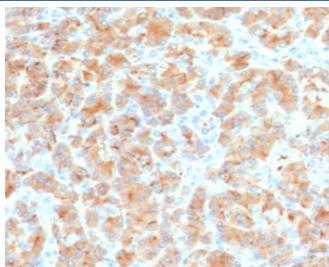
## Recombinant Glycoprotein 2 Antibody / GP2 / ZAP75 [clone PSGMG2-2R] (V7440)

Catalog No.	Formulation	Size
V7440-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7440-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7440SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7440IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Recombinant **RABBIT MONOCLONAL**

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	PSGMG2-2R
<b>Purity</b>	Protein A affinity chromatography
<b>UniProt</b>	P55259
<b>Localization</b>	Cytoplasmic, membranous, secreted
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
<b>Limitations</b>	This recombinant Glycoprotein 2 antibody is available for research use only.



IHC staining of FFPE human pancreas with recombinant Glycoprotein 2 antibody (clone PSGMG2-2R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

## Description

The GP2 gene encodes an integral membrane protein that is secreted from intracellular zymogen granules and associates with the plasma membrane via glycosylphosphatidylinositol (GPI) linkage. The encoded protein binds pathogens such as enterobacteria, thereby playing an important role in the innate immune response. The C-terminus of this protein is related to the C-terminus of the protein encoded by the neighboring gene, Uromodulin (UMOD). Alternative splicing results in multiple transcript variants. [RefSeq]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Glycoprotein 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Amino acids 35-179 were used as the immunogen for the recombinant Glycoprotein 2 antibody.

## Storage

Store the recombinant Glycoprotein 2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).