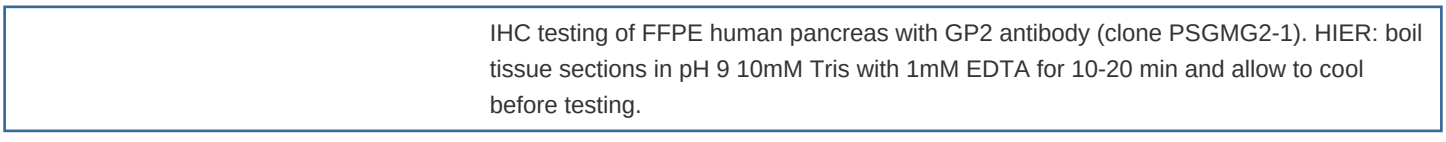
GP2 Antibody / Glycoprotein 2 / ZAP75 [clone PSGMG2-1] (V3842)

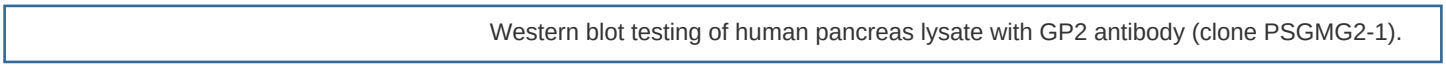
Catalog No.	Formulation	Size
V3842-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3842-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3842SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2c, kappa
Clone Name	PSGMG2-1
Purity	Protein G affinity chromatography
UniProt	P55259
Localization	Cytoplasmic, membranous, secreted
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This GP2 antibody is available for research use only.



IHC testing of FFPE human pancreas with GP2 antibody (clone PSGMG2-1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



Western blot testing of human pancreas lysate with GP2 antibody (clone PSGMG2-1).

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). [RefSeq]

Application Notes

The stated application concentrations are suggested starting points. Titration of the GP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A human recombinant partial protein (aa 35-179) was used as the immunogen for the GP2 antibody.

Storage

Store the GP2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).