

Product Datasheet

Glycoprotein 2 Antibody / GP2 / ZAP75 (orb534140)

Catalog Number	orb534140
Category	Antibodies
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]
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG2c, kappa
Conjugation	Unconjugated
Reactivity	Human
Immunogen	A human recombinant partial protein (aa 35-179) was used as the immunogen for the GP2 antibody.
UniProt ID	P55259
Tested applications	IHC-P, WB
Dilution range	Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
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.

Antibody Type

Primary Antibody

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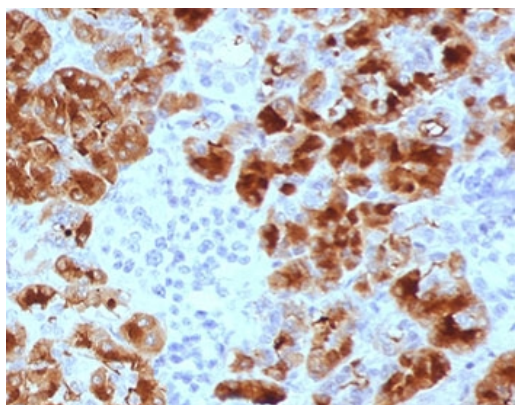
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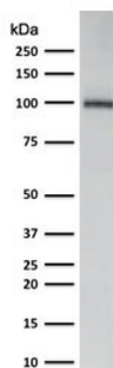
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Clone Number	PSGMG2-1
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only



IHC testing of FFPE human pancreas with GP2 antibody (clone PSGMG2-1). HIER: boil tissue sections in pH9 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).

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