

Product Datasheet

Glycoprotein 2 Antibody / GP2 / ZAP75 (orb534445)

Catalog Number	orb534445
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). Alternative splicing results in multiple transcript variants. [RefSeq]
Clonality	Recombinant
Species/Host	Rabbit
Isotype	Rabbit IgG, kappa
Conjugation	Unconjugated
Reactivity	Human
Immunogen	Amino acids 35-179 were used as the immunogen for the recombinant Glycoprotein 2 antibody.
UniProt ID	P55259
Tested applications	IHC-P
Dilution range	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT,Prediluted IHC only format: incubate for 30 min at RT (1)

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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.

Antibody Type

Primary Antibody

Clone Number

PSGMG2-2R

Formula

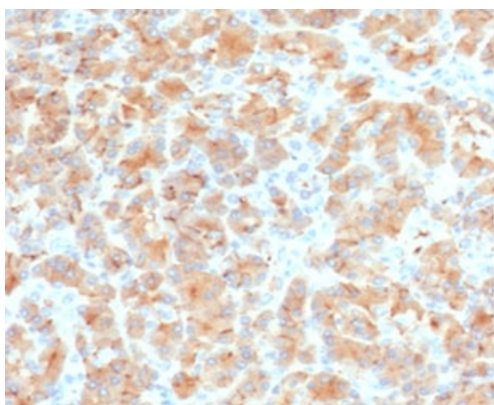
0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

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 staining of FFPE human pancreas with recombinant Glycoprotein 2 antibody (clone PSGMG2-2R). HIER: boil tissue sections in pH9 10 mM Tris with 1 mM EDTA for 10-20 min and allow to cool before testing.

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