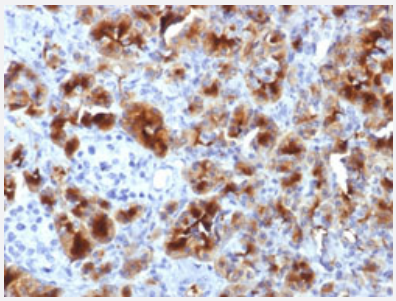
GP2 monoclonal antibody, clone GP2/1712

Catalog # MAB14548 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with GP2 monoclonal antibody, clone GP2/1712 (Cat # MAB14548).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human GP2.
Immunogen	Recombinant protein corresponding to amino acids 35-179 of human GP2.
Host	Mouse
Theoretical MW (kDa)	59
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with GP2 monoclonal antibody, clone GP2/1712 (Cat # MAB14548).

- Immunofluorescence

- Flow Cytometry

Gene Info — GP2

Entrez GeneID	2813
Protein Accession#	P55259
Gene Name	GP2
Gene Alias	DKFZp779K0533, ZAP75
Gene Description	glycoprotein 2 (zymogen granule membrane)
Omim ID	602977
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000162214|pancreatic zymogen granule membrane associated protein GP2|zymogen granule membrane glycoprotein 2

Publication Reference

- A single gene encodes membrane-bound and free forms of GP-2, the major glycoprotein in pancreatic secretory (zymogen) granule membranes.

  Fukuoka S, Freedman SD, Scheele GA.

  PNAS 1991 Apr; 88(7):2898.

  Application: WB-Ti, Dog, Dog pancreas

Disease

- Genetic Predisposition to Disease
- Pancreatitis