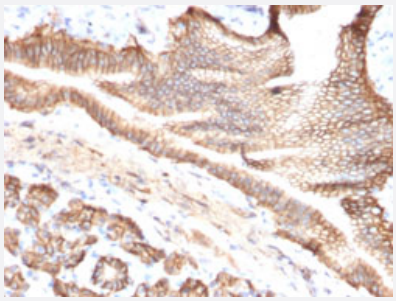
TACSTD2 monoclonal antibody, clone TACSTD2/2151

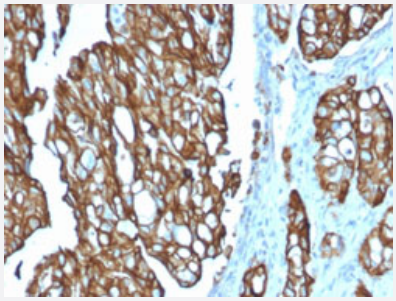
Catalog # MAB21301 Size 100 ug

Applications



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

Immunohistochemical staining of human pancreatic carcinoma.



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

Immunohistochemical staining of human colon carcinoma.

Specification

Product Description	Mouse monoclonal antibody raised against human TACSTD2.
Immunogen	Recombinant protein corresponding to amino acids 31-274 of human TACSTD2.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, kappa

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

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

  Immunohistochemical staining of human pancreatic carcinoma.
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human colon carcinoma.

Gene Info — TACSTD2

Entrez GeneID	4070
Protein Accession#	P09758
Gene Name	TACSTD2
Gene Alias	EGP-1, GA733, GA733-1, M1S1, TROP2
Gene Description	tumor-associated calcium signal transducer 2
Omim ID	137290 204870
Gene Ontology	Hyperlink
Gene Summary	This intronless gene encodes a carcinoma-associated antigen defined by the monoclonal antibody GA733. This antigen is a member of a family including at least two type I membrane proteins. It transduces an intracellular calcium signal and acts as a cell surface receptor. Mutations of this gene result in gelatinous drop-like corneal dystrophy, an autosomal recessive disorder characterized by severe corneal amyloidosis leading to blindness. [provided by RefSeq
Other Designations	OTTHUMP00000011755|epithelial glycoprotein-1|membrane component, chromosome 1, surface marker 1 (40kD glycoprotein, identified by monoclonal antibody GA733)