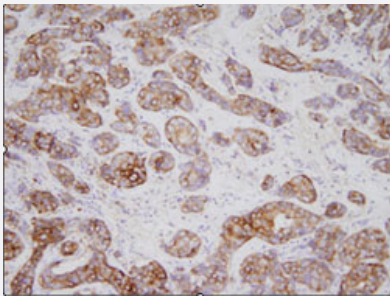


TPD52L1 monoclonal antibody, clone d1D5

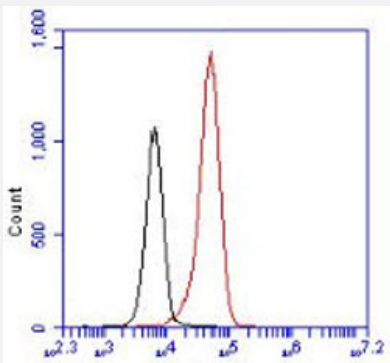
Catalog # MAB1051 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry of human gastric cancer tissues.



Flow Cytometry

Flow cytometry analysis of A431 cell line, staining at 2-5 ug for 1x10⁶(red line) cells. The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant TPD52L1.
Immunogen	Recombinant protein corresponding to amino acids 1-131 of human TPD52L1.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G affinity chromatography

Isotype	IgG2b, kappa
Recommend Usage	ELISA Flow Cytometry Immunohistochemistry (1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry of human gastric cancer tissues.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometry analysis of A431 cell line, staining at 2-5 ug for 1×10^6 (red line) cells. The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).

Gene Info — TPD52L1

Entrez GeneID	7164
GeneBank Accession#	NM_001003397
Protein Accession#	Q16890
Gene Name	TPD52L1
Gene Alias	D53, MGC8556, TPD52L2, hD53
Gene Description	tumor protein D52-like 1
Omim ID	604069
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the tumor protein D52 (TPD52) family. The encoded protein contains a coiled-coil domain and may form homo- or hetero-dimer with TPD52 family members. The protein is reported to be involved in cell proliferation and calcium signaling. It also interacts with the mitogen-activated protein kinase kinase kinase 5 (MAP3K5/ASK1) and positively regulates MAP3K5-induced apoptosis. Multiple alternatively spliced transcript variants have been observed, but the full-length nature of some variants has not yet been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000017133|OTTHUMP00000017135|OTTHUMP00000017136|tumor protein D52-like 2|tumor protein D53