

For Research Use Only

FUT9 Monoclonal antibody

Catalog Number: 60230-1-Ig

Featured Product

2 Publications



Basic Information

Catalog Number: 60230-1-Ig	GenBank Accession Number: BC036101	Purification Method: Protein A purification
Size: 150ul, Concentration: 1500 µg/ml by Nanodrop and 1500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10690	CloneNo.: 5D4G6
Source: Mouse	Full Name: fucosyltransferase 9 (alpha (1,3) fucosyltransferase)	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:200-1:800
Isotype: IgG2a	Calculated MW: 359 aa, 42 kDa	
Immunogen Catalog Number: AG8298	Observed MW: 44-46 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, pig, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : pig brain tissue, rat brain tissue, mouse brain tissue, fetal human brain tissue

IHC : human stomach tissue, human breast cancer tissue, human cervical cancer tissue

IF : human breast cancer tissue,

Background Information

FUT9 is the main enzyme responsible for the synthesis of Lewis X (Lex) and catalyzes the last step in the biosynthesis of Lewis X antigen by addition of a fucose residue to precursor glycan structures. FUT9 is expressed in stomach, kidney, brain, and in leukocytes.

Notable Publications

Author	Pubmed ID	Journal	Application
Athanasios Blanas	32927726	Cancers (Basel)	WB
Aiping Xu	37674363	Acta Biochim Biophys Sin (Shanghai)	WB,IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

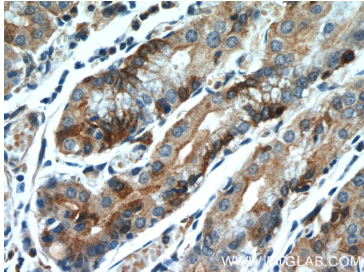
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

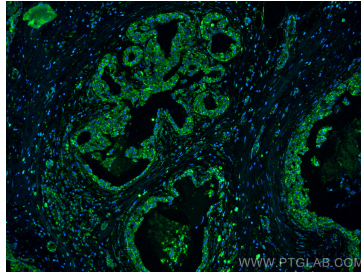
E: proteintech@ptglab.com
W: ptglab.com

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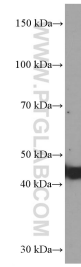
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach slide using 60230-1-Ig (FUT9 Antibody) at dilution of 1:50.



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using FUT9 antibody (60230-1-Ig, Clone: 5D4G6) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



pig brain tissue were subjected to SDS PAGE followed by western blot with 60230-1-Ig (FUT9 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.