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BG8,Lewisy

Mouse Monoclonal antibody(Mab)
Catalog # AD80360

Specification

BG8,Lewisy - Product info

Application	**IHC-P**
Primary Accession	P21217
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**42117**

BG8,Lewisy - Additional info

Gene ID	**2525**
Gene Name	**FUT3**

Other Names
3-galactosyl-N-acetylglucosaminide 4-alpha-L-fucosyltransferase FUT3, 2.4.1.65, 4-galactosyl-N-acetylglucosaminide 3-alpha-L-fucosyltransferase, 2.4.1.152, Alpha-3-fucosyltransferase FUT3, 2.4.1.-, Blood group Lewis alpha-4-fucosyltransferase, Lewis FT, Fucosyltransferase 3, Fucosyltransferase III, FucT-III, FUT3 (HGNC:4014), FT3B, LE

Dilution
IHC-P~~Ready-to-use

Storage
Maintain refrigerated at 2-8°C

Precautions	**BG8,Lewisy Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

BG8,Lewisy - Protein Information

Name FUT3 (HGNC:4014)

Synonyms	**FT3B, LE**
Function	**May catalyze alpha-1,3 and alpha-1,4 glycosidic linkages involved in the expression of Vim-2, Lewis A, Lewis B, sialyl Lewis X and Lewis X/SSEA-1 antigens. May be involved in blood group Lewis determination; Lewis-positive (Le(+)) individuals have an active enzyme while Lewis-negative (Le(-)) individuals have an inactive enzyme. Also acts on the**

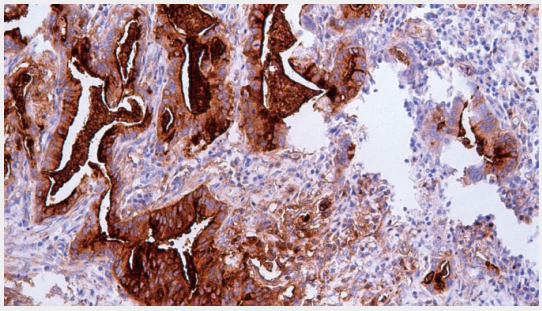
	corresponding 1,4-galactosyl derivative, forming 1,3-L-fucosyl links.
Cellular Location	**Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Note=Membrane-bound form in trans cisternae of Golgi**
Tissue Location	**Highly expressed in stomach, colon, small intestine, lung and kidney and to a lesser extent in salivary gland, bladder, uterus and liver**

BG8,Lewisy - Protocols

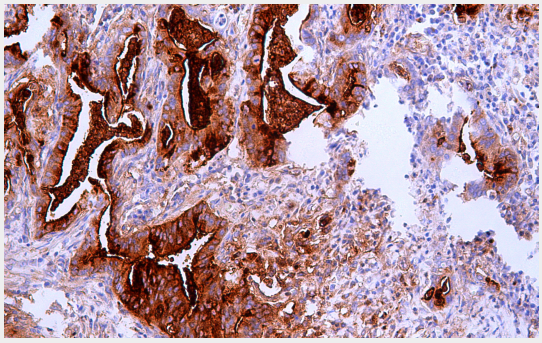
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BG8,Lewisy - Images



Lung adenocarcinoma



Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma tissue using AD80360 performed on the Abcarta® FAIP-30 Fully automated IHC platform.Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems（Abcepta:AR005） was used as the secondary antibody.