

BG8,Lewisy
Mouse Monoclonal antibody(Mab)
Catalog # AD80360

Specification

BG8,Lewisy - Product info

| | |
|-------------------|------------------------|
| Application | IHC-P, IHC |
| 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 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4014
target="_blank">HGNC:4014), FT3B, LE

Dilution

IHC-P~~Ready-to-use
IHC~~Ready-to-use

| | |
|-------------|--|
| Storage | This product is stored at 2-31 °C, please use it within the expiration date. |
| 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 |

Cellular Location

corresponding 1,4-galactosyl derivative, forming 1,3-L-fucosyl links.
Golgi apparatus, Golgi stack membrane;
Single-pass type II membrane protein.
Note=Membrane-bound form in trans cisternae of Golgi

Tissue Location

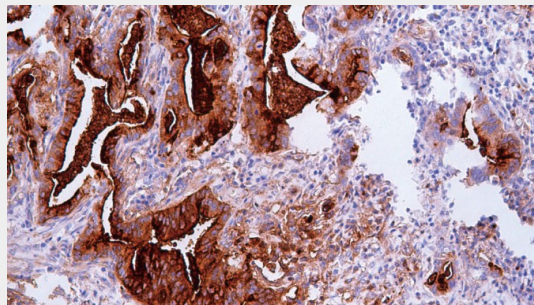
Highly expressed in stomach, colon, small intestine, lung and kidney and to a lesser extent in salivary gland, bladder, uterus and liver

BG8,Lewis^x - Protocols

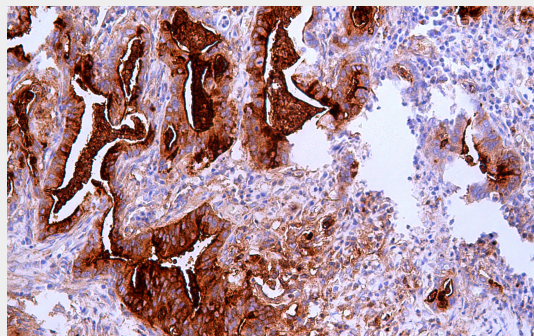
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BG8,Lewis^x - 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. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.