

Datasheet for ABIN952402
anti-FUT8 antibody (Middle Region)

2 Images

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Overview

Quantity:	0.4 mL
Target:	FUT8
Binding Specificity:	AA 336-364, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUT8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 336-364 amino acids from the Central region of Human Fucosyltransferase 8 Genename: FUT8
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Fucosyltransferase 8 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	FUT8
Alternative Name:	Fucosyltransferase 8 (FUT8 Products)

Target Details

Background: This enzyme belongs to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternatively spliced variants encoding different isoforms have been identified. Synonyms: 6)-fucosyltransferase, 6-fucosyltransferase, Alpha-(1, FUT8, GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1, GDP-fucose-glycoprotein fucosyltransferase, Glycoprotein 6-alpha-L-fucosyltransferase, alpha1-6FucT

Molecular Weight: 66516 Da

Gene ID: 2530

NCBI Accession: [NP_835368](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

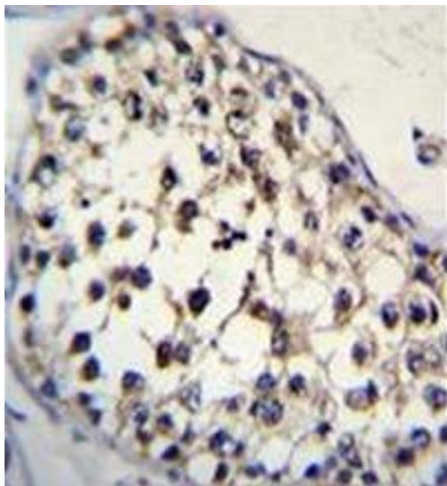
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

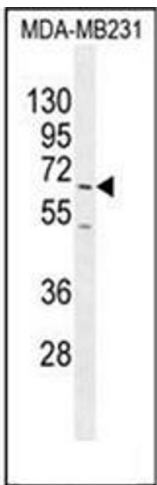
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue reacted with FUT8 Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 2. Western blot analysis of FUT8 Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the FUT8 antibody detected the FUT8 protein (arrow).