



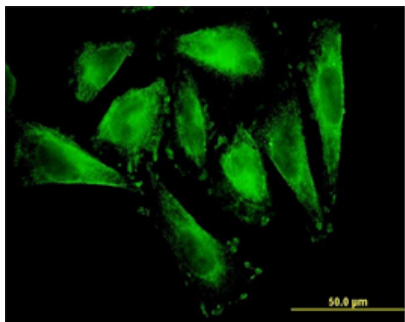
Mouse monoclonal antibody to human Radical fringe homolog [6C7]: IgG

Catalogue No.:	M-861-100
Description:	The <i>Drosophila melanogaster</i> 'fringe' gene is a secreted signaling protein that is involved in the formation of boundaries between groups of cells during development. It acts by modulating the activation of the Notch signal transduction pathway. A human radical fringe homolog was identified in 1997. There is evidence to show that radical fringe homolog may be involved in limb formation and in neurogenesis in humans. It is a glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules. It is a single-pass type II membrane protein which localises to the golgi apparatus membrane. It belongs to the glycosyltransferase 31 family.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant human Radical fringe homolog (amino acids 222-330) with a GST tag.
Clone:	6C7
Other Names:	Beta-1;3-N-acetylglucosaminyltransferase radical fringe; O-fucosylpeptide-3-beta-N-acetylglucosaminyltransferase; RFNG
Accession:	RFNG_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB, immunofluorescence and direct ELISA. The recommended dilution for this antibody is 10 ug/mL for immunofluorescence. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and direct ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.2
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY



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Immunofluorescent detection of Radical fringe homolog expression in HepG2 cells. The anti-Radical fringe homolog primary antibody, catalogue number M-861-100, was used at a concentration of 10 µg/ml.

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