

Mouse anti-Human Insulin Receptor beta subunit Monoclonal Antibody

Insulin Receptor beta subunit antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74640	Mouse	Human	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

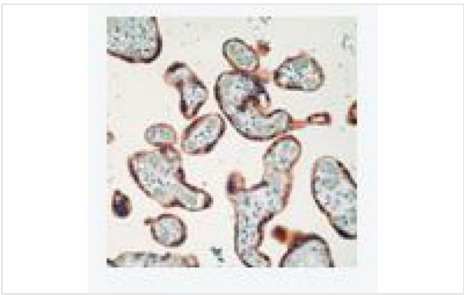
PRODUCT SYNONYMS

Insulin Receptor beta subunit; Monoclonal Antibody; Insulin Receptor beta subunit antibody; Monoclonal Insulin Receptor beta subunit; Anti-Insulin Receptor beta subunit; Anti Insulin Receptor beta subunit; Insulin Receptor (b-subunit); anti-Insulin Receptor beta subunit antibody

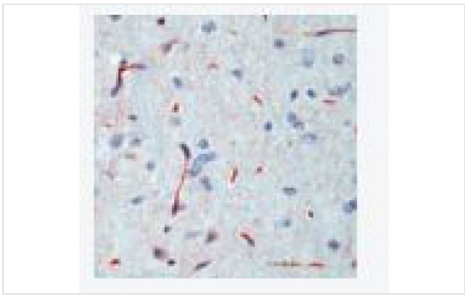
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CT-3
Specificity	Human
Purity/Purification	Insulin Receptor beta subunit antibody was purified by Protein G chromatography.
Form/Format	Antibody purified from ascites fluid by protein G chromatography and supplied in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% NaN ₃ .
Concentration	0.2 mg/ml (varies by lot)
Sequence Length	20
Applicable Applications for anti-Insulin Receptor beta subunit antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Biological Significance	The human insulin receptor is a heterotetrameric membrane glycoprotein consisting of disulfide-linked subunits in a Beta- alpha- alpha-Beta configuration. The Beta-subunit (95 kDa) possesses a single transmembrane domain with tyrosine kinase activity, whereas the alpha-subunit (135 kDa) is completely extracellular.
Cross-Reactivity	Monkey, mouse, rat
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Immunogen	Insulin receptor beta subunit antibody was raised in mouse using a 15-mer synthetic peptide corresponding to aa Tyr-KKNGILTLPRSNPS from the C-terminal of human insulin receptor beta-subunit as the immunogen.
Preparation and Storage	Store at 4 degree C.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human placenta stained with Insulin Receptor antibody using peroxidase-conjugate and AEC chromogen. Note cell membrane staining of trophoblasts.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded rat brain stained with Insulin Receptor antibody using peroxidase-conjugate and AEC chromogen. Note staining of endothelial cells of capillaries.

ADDITIONAL INFORMATION

Related Product Information for anti-Insulin Receptor beta subunit antibody	Mouse monoclonal Insulin Receptor beta subunit antibody
Product Categories/Family for anti-Insulin Receptor beta subunit antibody	Hormones & Steroids

NCBI AND UNIPROT INFORMATION

NCBI GI #	456930
Molecular Weight	95 kDa (predicted detection band MW)
NCBI Official Full Name	insulin receptor beta subunit {N-terminal}

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/insulin-receptor-beta-subunit-antibody-clone-ct-3-western-blot-immunoprecipitation-immunohistochemistry-elisa/74640>