

Mouse IGF1R Monoclonal Antibody | anti-IGF1R antibody

IGF1R antibody

CATALOG # AAA106486	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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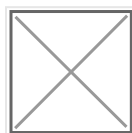
PRODUCT SYNONYMS

IGF1R; Monoclonal Antibody; IGF1R antibody; Monoclonal IGF1R; Anti-IGF1R; Insulin-like growth factor 1 receptor; CD221; CD221 antigen; IGFR 1; IGF I receptor; IGFR-1; IGF-I receptor; JTK13; anti-IGF1R antibody

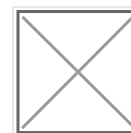
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3G5C1
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1367
Applicable Applications for anti-IGF1R antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	IGF1R binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival.
Cross-Reactivity	Human
Immunogen	IGF1R antibody was raised in Mouse using a purified recombinant fragment of IGF1R expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using IGF1R antibody with DAB staining.


WB (Western Blot)

Western Blot showing IGF1R antibody used against truncated IGF1R recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-IGF1R antibody	Mouse monoclonal IGF1R antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557665
NCBI GeneID	3480
NCBI Accession #	NP_000866.1
NCBI GenBank Nucleotide #	NM_000875.3
UniProt Accession #	P08069; Q14CV2; Q9UCC0; B1B5Y2
Molecular Weight	154,793 Da
NCBI Official Full Name	insulin-like growth factor 1 receptor isoform 1
NCBI Official Synonym Full Names	insulin-like growth factor 1 receptor
NCBI Official Symbol	IGF1R
NCBI Official Synonym Symbols	IGFR; CD221; IGFI; JTK13
NCBI Protein Information	insulin-like growth factor 1 receptor
UniProt Protein Name	Insulin-like growth factor 1 receptor
UniProt Gene Name	IGF1R
UniProt Synonym Gene Names	IGF-I receptor
UniProt Entry Name	IGF1R_HUMAN

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/igf1r-antibody-clone-3g5c1-western-blot-immunohistochemistry-elisa/106486>