Mouse Inulin Like Growth Factor 1 (IGF1) Monoclonal Antibody | anti-IGF1 antibody

Monoclonal Antibody to Inulin Like Growth Factor 1 (IGF1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152611	**Mouse**	**Human, Mouse, Pig**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

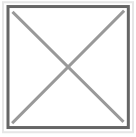
PRODUCT SYNONYMS

Inulin Like Growth Factor 1 (IGF1); Monoclonal Antibody; Monoclonal Antibody to Inulin Like Growth Factor 1 (IGF1); Inulin Like Growth Factor 1; IGFI; IGF1A; IBP1; MGF; Somatomedin C; Mechano Growth Gactor; anti-IGF1 antibody

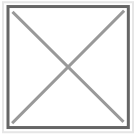
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Pig
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against IGF1. It has been selected for its ability to recognize IGF1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Gly49~Ala118
Applicable Applications for anti-IGF1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Inulin Like Growth Factor 1 (IGF1)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

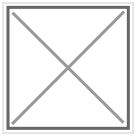
IMAGES



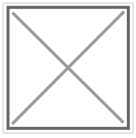
WB (Western Blot)
Western Blot; Sample: Porcine Heart lysatePrimary Ab: 0.2ug/ml Mouse Anti-human IGF1 AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Mouse Testis lysate; Primary Ab: 2ug/ml Mouse Anti-human IGF1 AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Mouse Uterus lysate; Primary Ab: 2ug/ml Mouse Anti-human IGF1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IF (Immunofluorescence)
FITC staining on IF; Sample: human Hela cell; Primary Ab: 30ug/ml Mouse Anti-human IGF1 Antibody Second Ab: 5ug/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-IGF1 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	163659903
NCBI GeneID	3479
NCBI Accession #	NP_001104755.1
NCBI GenBank Nucleotide #	NM_001111285.1
UniProt Accession #	P05019; P01343; Q14620; B2RWM7; E9PD02
Molecular Weight	21,841 Da
NCBI Official Full Name	insulin-like growth factor 1 isoform 3 preproprotein
NCBI Official Synonym Full Names	insulin-like growth factor 1 (somatomedin C)
NCBI Official Symbol	IGF1
NCBI Official Synonym Symbols	IGFI; IGF-I; IGF1A
NCBI Protein Information	insulin-like growth factor 1; MGF; IGF-IA; IGF-IB; somatomedin-C; mechano growth factor; insulin-like growth factor I; insulin-like growth factor IA; insulin-like growth factor IB
UniProt Protein Name	Insulin-like growth factor I
UniProt Gene Name	**IGF1**
UniProt Synonym Gene Names	IBP1; IGF-I; MGF
UniProt Entry Name	IGF1_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/inulin-like-growth-factor-1-igf1-antibody-clone-c1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152611