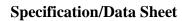
ReliaTech GmbH





Anti-Mouse IGF-1 (#2F54)

20150116ML



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Catno.:	103-M240
Size.	100 μσ

Lot. No.: According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with purified mouse recombinant protein of IGF-1. The IgG2 fraction of the culture supernatant was purified by Protein A/G affinity chromatography.

Target Background

Synonyms (Target):	Igf1; Igf-1; Igf-I; C730016P09Rik
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Insulin-like growth factor (IGF)-I (also known as somatomedin C and somatomedin A) and IGF-II (multiplication stimulating activity or MSA) belong to the family of insulin-like growth factors that are structurally homologous to proinsulin. Mature IGF-I and IGF-II share approximately 70% sequence identity. Both IGF-I and IGF-II are expressed in many tissues and cell types and may have autocrine, paracrine and endocrine functions. Mature IGF-I and IGF-II are highly conserved between the human, bovine and porcine proteins (100% identity), and exhibit cross-species activity.

Database References Target

Protein RefSeq:	NP_034642.2
Uniprot ID:	P05017
mRNA RefSeq:	NM_010512

Product Specifications

Host	Hamster
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#2F54)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	recombinant mouse protein of IGF-I
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 μ l sterile PBS and the final concentration is 500 μ g/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody detects mouse IGF-1 in Western blotting.



Applications

The antibody can be used within the following applications: WB

Recommended usage:

WB: 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!