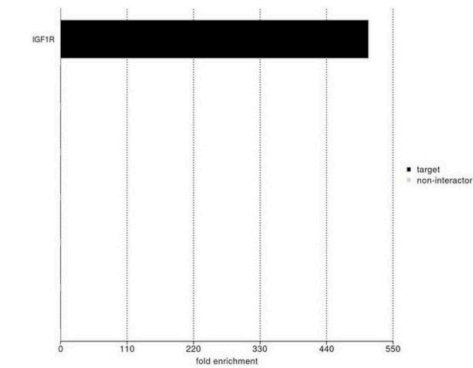


# IGF1R beta Monoclonal Antibody (ZI001)

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	ZI001
Conjugate	Unconjugated
Immunogen	Human IGF1R beta
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533429

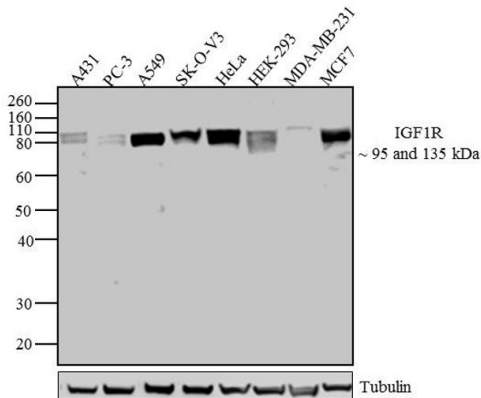
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	4 Publications
Immunohistochemistry (IHC)	Assay-dependent	1 Publication
ELISA (ELISA)	Assay-dependent	-

Product Images For IGF1R beta Monoclonal Antibody (ZI001)



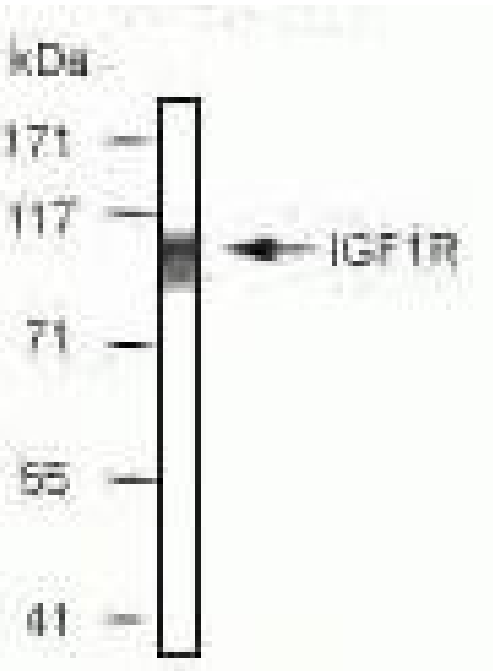
IGF1R beta Antibody (39-6700)

IP-MS enrichment of IGF1R (LFQ intensity): IGF1R was enriched 509-fold from MCF7 lysate compared to background proteins, using the optimized IP-MS workflow with Pierce MS-Compatible Magnetic IP Kit protein A/G (Product # 90409) and IGF1R antibody (Product # 39-6700). See more information on IP-MS verification of antibody selectivity. {IP-MS}



IGF1R beta Antibody (39-6700) in WB

Western blot analysis of IGF-IR/IGF1 Receptor was performed by loading 30 µg of A431 (lane1), PC-3 (lane2), A549 (lane3), SK-O-V3 (lane4), HeLa (lane5), HEK-293 (lane6), MDA-MB-231 (lane7) and MCF7 (lane8) cell lysate using NuPAGE® Novex® 10% Bis-Tris gel (Product # NP0301BOX), XCell SureLock™ Electrophoresis System (Product # EI0002), Novex® Sharp Pre-Stained Protein Standard (LC5800). Proteins were transferred to a PVDF membrane and blocked with 5% skim milk for 1 hour at room temperature. IGF-IR/IGF1 Receptor was detected at 95 and 135 kDa using IGF-IR/IGF1 Receptor Mouse Monoclonal Antibody (Product # 39-6700) at 1:500 dilution in 2.5% skim milk at 4°C overnight on a rocking platform. Goat Anti-Mouse - HRP Secondary Antibody (Product # 62-6520) at 1:4000 dilution was used and chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106). Additional bands at 135 and 95 kDa represent the alpha and beta chains of a fully mature cell membrane-bound IGF1R.



IGF1R beta Antibody (39-6700) in WB

Western blot analysis of MCF7 cell extract using Zymed Ms anti-IGF1Rbeta (Product # 39-6700).

View more figures on [thermofisher.cn](https://thermofisher.cn)

## 5 References

### Western Blot (4)

#### Molecular cancer

#### The transcription factors Iκ-1 and MZF1 downregulate IGF-IR expression in NPM-ALK T-cell lymphoma.

"39-6700 was used in western blot to analyze NPM-ALK+ T-cell lymphoma and the transcription factors MZF1 and Iκ-1 that downregulate IGF-IR expression"

Authors: Vishwamitra D, Curry CV, Alkan S, Song YH, Gallick GE, Kaseb AO, Shi P, Amin HM

Year  
2015

Species  
Human

#### Oncotarget

#### The ALK inhibitor ASP3026 eradicates NPM-ALK T-cell anaplastic large-cell lymphoma in vitro and in a systemic xenograft lymphoma model.

"39-6700 was used in western blot to determine the effects of ASP3026 treatment on NPM-ALK+ ALCL cell lines in vitro and on systemic lymphoma growth in vivo"

Authors: George SK, Vishwamitra D, Manshouri R, Shi P, Amin HM

Year  
2014

Species  
Human

[View more WB references on thermofisher.cn](#)

### Immunohistochemistry (1)

#### Journal of cellular and molecular medicine

#### Inhibition of IGF-IR tyrosine kinase induces apoptosis and cell cycle arrest in imatinib-resistant chronic myeloid leukaemia cells.

"Published figure using IGF1R beta monoclonal antibody (Product # 39-6700) in Western Blot"

Authors: Shi P, Chandra J, Sun X, Gergely M, Cortes JE, Garcia-Manero G, Arlinghaus RB, Lai R, Amin HM

Year  
2010

Species  
Human  
Mouse

### More applications with references on thermofisher.cn

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