

IGF1R beta Monoclonal Antibody (24-31)

Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Human
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	24-31
Conjugate	Unconjugated
Immunogen	IGF-1R/3T3 mouse fibroblasts transfected with human type I IGF-receptor cDNA
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C
RRID	AB_10987146

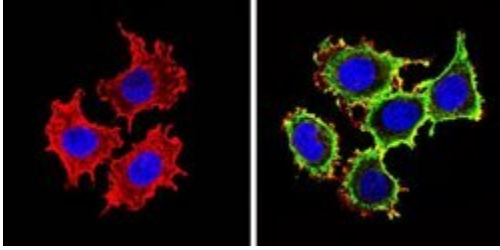
Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay Dependent	-
Immunocytochemistry (ICC)	1:10-1:100	-
Immunofluorescence (IF)	1:10-1:100	-
Immunoprecipitation (IP)	2 µg/mL	-
ChIP assay (ChIP)	-	1 Publication
Immunohistochemistry (IHC)	-	21 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication

Product Specific Information

MA5-13802 targets IGF-1 Receptor alpha in ELISA, IHC, ICC/IF and IP applications and shows reactivity with human samples. Does not react with rat.

The MA5-13802 immunogen is iGF-1R/3T3 mouse fibroblasts transfected with human type I IGF-receptor cDNA, epitope aa 283-440.

Product Images For IGF1R beta Monoclonal Antibody (24-31)



IGF1R beta Antibody (MA5-13802) in IF

Immunofluorescent analysis of IGF-1 Receptor alpha (green) showing staining in the membrane of MCF-7 cells (right) compared to a negative control without primary antibody (left). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with an IGF-1 Receptor alpha monoclonal antibody (Product # MA5-13802) in 3% BSA-PBS at a dilution of 1:50 and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI. Images were taken at a magnification of 60x.

Immunohistochemistry (21)

PloS one

Differential expression of the insulin-like growth factor receptor among early breast cancer subtypes.

"MA5-13802 was used in immunohistochemistry to measure protein expression of insulin-like growth factor receptor pathway members and evaluate their prognostic significance across the different early breast cancer subtypes"

Authors: Mountzios G, Aivazi D, Kostopoulos I, Kourea HP, Kouvatseas G, Timotheadou E, Zebekakis P, Efstratiou I, Gogas H, Vamvouka C, Chrisafi S, Stofas A, Pentheroudakis G, Koutras A, Galani E, Bafaloukos D, Fountzilias G

Species
Human

Dilution
1:50

Year
2015

PloS one

Insulin-like growth factor 1 receptor (IGF1R) expression and survival in operable squamous-cell laryngeal cancer.

"MA5-13802 was used in immunohistochemistry to study the prognostic value of IGF-1R expression in operable squamous cell laryngeal cancer"

Authors: Mountzios G, Kostopoulos I, Kotoula V, Sfakianaki I, Fountzilias E, Markou K, Karasmanis I, Leva S, Angouridakis N, Vlachtsis K, Nikolaou A, Konstantinidis I, Fountzilias G

Species
Human

Dilution
Not Cited

Year
2013

[View more IHC references on thermofisher.com](#)

Immunohistochemistry (Paraffin) (1)

Cancer science

Immunohistochemical analysis of RTKs expression identified HER3 as a prognostic indicator of gastric cancer.

"MA5-13802 was used in immunohistochemistry - paraffin section to determine if receptor type tyrosine kinases have prognostic relevance in patients with stage II/III gastric cancer treated with standard treatment"

Authors: Ema A, Yamashita K, Ushiku H, Kojo K, Minatani N, Kikuchi M, Mieno H, Moriya H, Hosoda K, Katada N, Kikuchi S, Watanabe M

Species
Human

Dilution
1:35

Year
2014

ChIP assay (1)

Oncogene

Retinoblastoma susceptibility gene product pRB activates hypoxia-inducible factor-1 (HIF-1).

"MA5-13802 was used in ChIP assay to study the role of retinoblastoma susceptibility gene product I in hypoxia-inducible factor-1 induction"

Authors: Budde A, Schneiderhan-Marra N, Petersen G, Brüne B

Species
Human

Dilution
Not Cited

Year
2005

More applications with references on thermofisher.com

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