[pTyr1150/Tyr1151]Insulin receptor monoclonal antibody (10C3)

The Insulin Receptor (InsR) is a heterodimeric receptor tyrosine kinase with an extracellular alpha-chain, a transmembrane domain and an intracellular beta-chain. InsR is activated upon binding of the peptide hormone insulin, leading to autophosphorylation of tyrosine residues 1146, 1150, and 1151 in the activation loop of the beta-chain. Additional autophosphorylation sites such as tyrosine residues 960, 972, 1316, and 1322 regulate the assembly of signal transduction complexes.

This antibody is covered by our Worry-Free Guarantee.

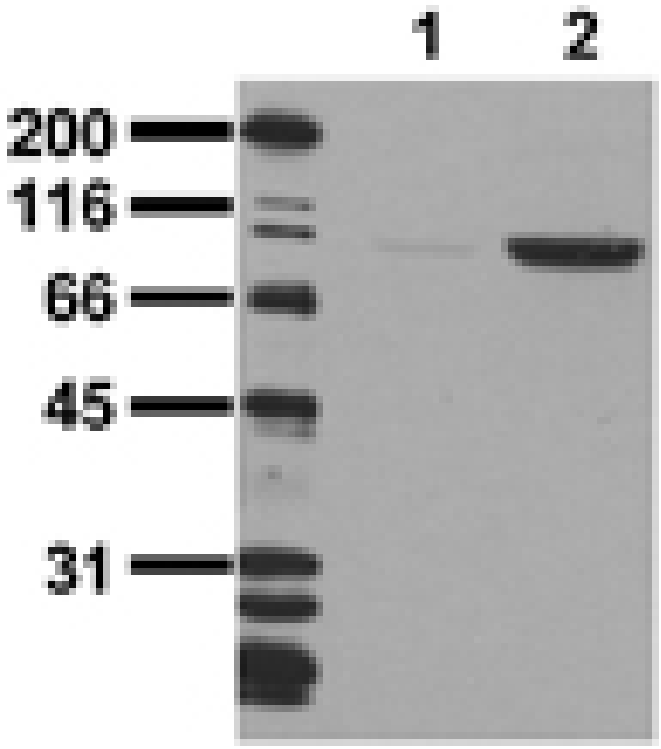
Ordering Information

Order Online »

ADI-905-645-100	100µg

Manuals, SDS & CofA

View Online »



Western blot analysis of untreated (1) or insulin-stimulated (2) MCA-MB-213 cancer cells probed with Insulin Receptor (pTyr1150/1151) mAb (10C3).

Handling & Storage

Use/Stability	Stable at -20°C up to 1 year.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	INSR
Application	ELISA, WB
Clone	10C3
Crossreactivity	Cross-reacts with IGF1 receptor.
Formulation	Liquid. In PBS containing 50% glycerol, PEG, sucrose, and 0.09% sodium azide.
Host	Mouse
Immunogen	Synthetic peptide corresponding to a portion of human Insulin Receptor phosphorylated at Tyr1150/1151, conjugated to KLH.
Isotype	IgG1
Purity Detail	Thiophilic adsorption and size exclusion chromatography purified.
Recommendation Dilutions/Conditions	ELISA (0.1µg/ml)Western Blot (0.2-0.5µg/ml, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
UniProt ID	P06213

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