



# IGF-I Receptor $\beta$ (phospho-Tyr980) rabbit pAb

Cat No.:ES15513

For research use only

## Overview

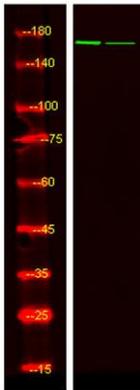
<b>Product Name</b>	IGF-I Receptor $\beta$ (phospho-Tyr980) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:1000-2000
<b>Immunogen</b>	Synthesized phospho peptide around human IGF-I Receptor $\beta$ (Tyr980)
<b>Specificity</b>	This antibody detects endogenous levels of Human Mouse Rat IGF-I Receptor $\beta$ (phospho-Tyr980)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	IGF-I Receptor $\beta$ (Tyr980)
<b>Gene Name</b>	IGF1R
<b>Cellular localization</b>	Cell membrane ; Single-pass type I membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	pro: 155kD, recetor beta: 95kD
<b>Human Gene ID</b>	3480
<b>Human Swiss-Prot Number</b>	P08069
<b>Alternative Names</b>	Insulin-like growth factor 1 receptor (EC 2.7.10.1) (Insulin-like growth factor I receptor) (IGF-I receptor) (CD antigen CD221) [Cleaved into: Insulin-like growth factor 1 receptor alpha chain; Insulin-like growth factor 1 receptor beta chain]
<b>Background</b>	This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The





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insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014],



Western Blot analysis of HeLa treated or untreated by LPS lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000



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