Store at -20C

Phospho-IGF-I Receptor β
(Tyr1135/1136)/Insulin Receptor β
(Tyr1150/1151) (19H7) Rabbit mAb



Orders:	877-616-CELL (2355) orders@cellsignal.com
Support:	877-678-TECH (8324)
Web:	info@cellsignal.com cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: WB, W-S	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 95	Source/Isotype: Rabbit IgG	UniProt ID: #P06213, #P08069	Entrez-Gene Id: 3643, 3480
Product Usage Information	We	plication estern Blotting nple Western™			Dilution 1:1000 1:10 - 1:50	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
Specificity / Sensi	ende or ty	Phospho-IGF-I Receptor β (Tyr1135/1136)/Insulin Receptor β (Tyr1150/1151) (19H7) Rabbit mAb detects endogenous levels of IGF-I receptor and insulin receptor only when phosphorylated at tyrosine 1135/1136 or tyrosine 1150/1151, respectively. It does not cross-react with other related tyrosine-phosphorylated tyrosine kinases.				
Species predicted react based on 10 sequence homolo	0%	ine, Dog				
Source / Purificati				nunizing animals with a uman IGF-I receptor β	a synthetic phosphopeptid	le corresponding to
Background	wide auto kina Pho (IRs equi auto Auto	ely expressed in mar ophosphorylation follo se domain (Tyr1131 sphorylation of these) share significant st ivalent tyrosine clust ophosphorylation of I	ny cell lines and bows binding of th , Tyr1135, and T e three tyrosine r ructural and func er (Tyr1146/1156 Rs is one of the gins with phosph	cell types within fetal a ne IGF-I and IGF-II liga yr1136) are the earlies esidues is necessary ctional similarity with I 0/1151) within the kina earliest cellular respon orylation at Tyr1146 a	mbrane receptor tyrosine l and postnatal tissues (1-3) ands. Three tyrosine resid st major autophosphorylat for kinase activation (5,6). GF-I receptors, including t ase domain activation loop nses to insulin stimulation and either Tyr1150 or Tyr1.). Receptor ues within the ion sites (4). . Insulin receptors he presence of an o. Tyrosine (7).
Background Refe	2. B 3. S 4. H 5. L 6. B 7. W		ncogene 19, 557 Il. (2000) J Biol (C. et al. (1995) (2000) Biochem & Cell Res 253, 5) J Biol Chem 2	24-81. Chem 275, 38921-8. J Biol Chem 270, 2917 D Biophys Res Commu 1-6. 260, 9470-8.		
Species Reactivity	y Spec	ies reactivity is dete	rmined by testing	g in at least one appro	ved application (e.g., wes	tern blot).
Western Blot Buff	••			membrane with dilute th gentle shaking, ove	ed primary antibody in 5% rnight.	w/v nonfat dry
Applications Key Cross-Reactivity F		Western Blotting W	-S: Simple West	ern™		

4/25/24, 10:40 AM	 Phospho-IGF-I Receptor β (Tyr1135/1136)/Insulin Receptor β (Tyr1150/1151) (19H7) Rabbit mAb (#3024) H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected
Trademarks and Patents	Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.
Limited Uses	Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.
	Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.