#3026 Store at -200

Phospho-Insulin Receptor β (Tyr1345) (14A4) Rabbit mAb



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

Applications: WB	Reactivity: H	Sensitivity: Transfected Only	MW (kDa): 95	Source/Isotype: Rabbit IgG	UniProt ID: #P06213	Entrez-Gene Id: 3643
Product Usage Information	•	pplication estern Blotting			Dilution 1:1000	
Storage	•	•	**	7.5), 150 mM NaCl, 100 not aliquot the antibody		erol and less than
Specificity / Sensi	only		ed at Tyr1345. T	A4) Rabbit mAb detects he antibody slightly cros		
Source / Purificati		noclonal antibody is p dues surrounding Tyr	•	nunizing animals with a s insulin receptor β.	synthetic phosphopep	tide corresponding to
Background	wid auto kina Pho (IRs equ auto Auto	ely expressed in man ophosphorylation follonge domain (Tyr1131, osphorylation of these s) share significant strivalent tyrosine cluster ophosphorylation of II	y cell lines and ows binding of the Tyr1135, and Tethree tyrosine ructural and funder (Tyr1146/115) Rs is one of the pins with phosph	(IGF-IR) is a transmeml cell types within fetal an ne IGF-I and IGF-II ligan lyr1136) are the earliest residues is necessary foctional similarity with IGF 0/1151) within the kinase earliest cellular responsionylation at Tyr1146 and phosphorylation (8).	d postnatal tissues (1 ds. Three tyrosine res major autophosphory r kinase activation (5, =-I receptors, including domain activation lo es to insulin stimulatio	-3). Receptor sidues within the rlation sites (4). 6). Insulin receptors g the presence of an approximation (7).
Background Refer	2. B 3. S 4. H 5. L 6. B 7. W		ncogene 19, 557 I. (2000) J Biol (C. et al. (1995) (2000) Biochem p Cell Res 253, 5) J Biol Chem 2	74-81. Chem 275, 38921-8. J Biol Chem 270, 29176 I Biophys Res Commun 1-6. 260, 9470-8.		

Species Reactivity Spe

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key WB: Western Blotting

Cross-Reactivity Key

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

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