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Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS10 705

Anti-P-Tyr | Phosphotyrosine (clone G104)

Product information

Immunogen	Phosphotyrosine, alanine and glyceine in a 1:1:1 ratio polymerized in the presence of keyhole limpet hemocyanin KLH with 1-ethyl-3-(3'-dimentrylaminopropyl) carbodiimide
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG1
Purity	Total IgG.
Format	Liquid
Quantity	100 µg
Storage	Store at -20°C for one year; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
Additional information	Protein G purified IgG1 in PBS, pH 7,4 with 0,09 % sodium azide and 50 % glycerol at concentration 1 mg/ml

Application information

Recommended dilution	1 : 1000 (WB)
Confirmed reactivity	Antibody reacts with phosphotyrosine and detects the presence of phosphotyrosine in proteins of both unstimulated and stimulated cell lysated, Does not cross react with phosphoserine or phosphothreonine
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	1 µg/ml of this antibody is sufficient for detection of phosphorylated tyrosine residues in 10 µg of rat tissue lysate by colorimetric immunoblot analysis
Selected references	Garton & Tonks (1999). Regulation of fibroblast motility by the protein tyrosine phosphatase PTP-PEST. J Biol Chem 6:3811-3818. Tiganis et al. (1999). The protein-tyrosine phosphatase TCPTP regulates epidermal growth factor receptor-mediated and phosphatidylinositol 3-kinase-dependent signaling. J Biol Chem 39: 27768-27775.(IF): Garton et al. (1996). Identification of p130(cas) as a substrate for the cytosolic protein tyrosine phosphatase PTP-PEST. Mol and Cell Bio 11:6408-6418.(IP):