



Mouse Anti-Phosphotyrosine Monoclonal antibody, clone 4G10 (CABT-L4295)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The 4G10 monoclonal antibody reacts with tyrosine phosphorylated proteins in all species.
Target	Phosphotyrosine
Immunogen	Phosphotyramine-KLH
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	N/A
Clone	4G10
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	ELISA, WB
Molecular Weight	150 kDa
Format	0.2 µM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific
Size	5 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free]

Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay
Related dilution buffer: CABT-LB04

Preservative	None
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Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
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Ship	Wet ice
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BACKGROUND

Introduction	The 4B10 monoclonal antibody reacts with tyrosine phosphorylated proteins in all species.
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Keywords	Phosphotyrosine
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GENE INFORMATION

Official Symbol	Phosphotyrosine
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Synonyms	Phosphotyrosine
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References	Klammt, C., et al. (2015). "T cell receptor dwell times control the kinase activity of Zap70." Nat Immunol 16(9): 961-969. PubMed;
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