

Product Datasheet

Phospho-Tyrosine Antibody (G104) - BSA Free NBP1-47562

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-47562

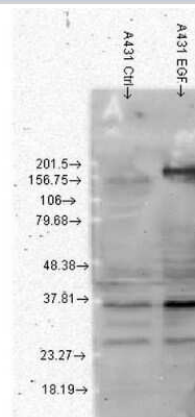
Phospho-Tyrosine Antibody (G104) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	G104
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	Reacts with phosphotyrosine, and detects the presence of phosphotyrosine in both un-stimulated and stimulated cell lysates. Does not cross-react with phosphoserine or phosphothreonine.
Immunogen	Phosphotyrosine, alanine and glycine in a 1:1:1 ratio polymerized in the presence of keyhole limpet hemocyanin with 1-ethyl-3-(3'-dimethylaminopropyl) carbodiimide
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	1 ug/ml of Phosphotyrosine Antibody was sufficient for detection of phosphorylated tyrosine residues in 10 ug of rat tissue lysate by colorimetric immunoblot analysis using Goat anti-rat IgG:HRP as the secondary Antibody.

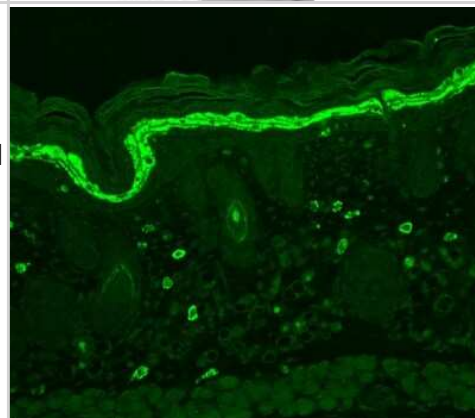


Images

Western Blot: Phospho-Tyrosine Antibody (G104) [NBP1-47562] - Western Blot analysis of Human A431 cell lysates showing detection of Phospho-Tyrosine protein using Mouse Anti-Phospho-Tyrosine Monoclonal Antibody, Clone G104 (NBP1-47562). Load: 15 ug. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-Phospho-Tyrosine Monoclonal Antibody (NBP1-47562) at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT. Left: normal, right: EGF treated.



Immunohistochemistry: Phospho-Tyrosine Antibody (G104) [NBP1-47562] - Immunohistochemistry analysis using Mouse Anti-Phospho-Tyrosine Monoclonal Antibody, Clone G104 (NBP1-47562). Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Phospho-Tyrosine Monoclonal Antibody (NBP1-47562) at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Stratum granulosum staining in the epidermis. Some dermal staining.



Publications

Garton AJ, Tonks NK. Regulation of fibroblast motility by the protein tyrosine phosphatase PTP-PEST. J Bio Chem 274(6): 3811-3818. 1999-01-01 [PMID: 9920935]

Garton AJ, Flint AJ, Tonks NK. Identification of p130(cas) as a substrate for the cytosolic protein tyrosine phosphatase PTP-PEST. Mol and Cell Bio 16(11): 6408-6418. 1996-01-01 [PMID: 8887669]



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Products Related to NBP1-47562

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-47562UV	Phospho-Tyrosine Antibody (G104) [DyLight 350]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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