

Phosphotyrosine Monoclonal Antibody (pY20), FITC

Product Details

| | |
|-------------------------|---|
| Size | 100 µg |
| Species Reactivity | Chemical |
| Published Species | Chemical |
| Host/Isotype | Mouse / IgG2b |
| Class | Monoclonal |
| Type | Antibody |
| Clone | pY20 |
| Conjugate | FITC |
| Excitation/Emission Max | 498/517 nm |
| Immunogen | Phosphotyrosine coupled to carrier protien. |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Protein A/G |
| Storage buffer | PBS, pH 7.5, with 50% glycerol |
| Contains | 3mM sodium azide |
| Storage conditions | -20° C, Avoid Freeze/Thaw Cycles, store in dark |
| RRID | AB_1086658 |

| Applications | Tested Dilution | Publications |
|------------------------------|-----------------|----------------|
| Western Blot (WB) | Assay-dependent | 5 Publications |
| Immunohistochemistry (IHC) | 5-10 µg/mL | 1 Publication |
| Immunocytochemistry (ICC/IF) | - | 1 Publication |
| ELISA (ELISA) | Assay-dependent | - |
| Immunoprecipitation (IP) | Assay-dependent | 2 Publications |

Product Specific Information

This antibody does not react with phosphorylated threonine or serine residues.

Western Blot (5)

The FEBS journal

Imatinib as a key inhibitor of the platelet-derived growth factor receptor mediated expression of cell surface heparan sulfate proteoglycans and functional properties of breast cancer cells.

"MA1-12441 was used in western blot to study the effects of Glivec on breast cancer heparin sulfate proteoglycan expression and cell proliferation"

Authors: Malavaki CJ,Roussidis AE,Gialeli C,Kletsas D,Tsegenidis T,Theocharis AD,Tzanakakis GN,Karamanos NK

Year
2013

Species
Chemical

Journal of immunology (Baltimore, Md. : 1950)

RhoH plays critical roles in Fc epsilon RI-dependent signal transduction in mast cells.

"MA1-12441 was used in western blot to study the role of RhoH in Fc epsilon RI-dependent signal transduction in mast cells"

Authors: Oda H,Fujimoto M,Patrick MS,Chida D,Sato Y,Azuma Y,Aoki H,Abe T,Suzuki H,Shirai M

Year
2009

Species
Chemical

[View more WB references on thermofisher.cn](#)

Immunohistochemistry (1)

Neuroscience

Delivery of insulin-like growth factor-I to the rat brain and spinal cord along olfactory and trigeminal pathways following intranasal administration.

"MA1-12441 was used in immunohistochemistry to evaluate a specific method for IGF-I delivery into CNS system through intranasal administration"

Authors: Thorne RG,Pronk GJ,Padmanabhan V,Frey WH

Year
2004

Species
Chemical

Dilution
1:10

Immunocytochemistry (1)

Brain research

Dual action of estrogen on glutamate-induced calcium signaling: mechanisms requiring interaction between estrogen receptors and src /mitogen activated protein kinase pathway.

"MA1-12441 was used in immunocytochemistry to investigate the mechanism for the effect of estrogen on glutamate-induced calcium signaling"

Authors: Nilsen J,Chen S,Brinton RD

Year
2002

Species
Chemical

More applications with references on thermofisher.cn

IP (2)

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