

45-1071: Mouse Monoclonal Antibody to Phosphotyrosine (Clone : 18E10D2)(Discontinued)

| | |
|--------------------------------|--|
| Clonality : | Monoclonal |
| Clone Name : | 18E10D2 |
| Application : | WB |
| Reactivity : | Human |
| Format : | Purified |
| Isotype : | Mouse IgG2a, Kappa |
| Immunogen Information : | Phosphotyrosine containing carrier protein |

Description

Phosphotyrosine is a tyrosine residue covalently bound to a phosphate via its hydroxyl group. A tyrosine kinase catalyzes the transfer of a phosphate from ATP to a tyrosine residue on the protein substrate. Tyrosine phosphorylation plays a key role in intracellular and cancer development. Many tyrosine kinases are drug targets for different forms of cancer. Phosphotyrosine antibody specifically binds to phosphotyrosine residues. It is a valuable tool to analyze tyrosine phosphorylation and monitor the activity of tyrosine kinase in high throughput drug discovery. Phosphotyrosine Antibody (18E10), mAb, Mouse is produced from a hybridoma resulting from the fusion of SP2/0-Ag14 myeloma and B-lymphocytes harvested from mouse immunized with phosphotyrosine containing carrier protein.

Product Info

| | |
|----------------------------|--|
| Amount : | 100 µg |
| Purification : | Protein A chromatography |
| Content : | 0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide. |
| Storage condition : | The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles. |

Application Note

Western Blot: 1-2 µg/ml.

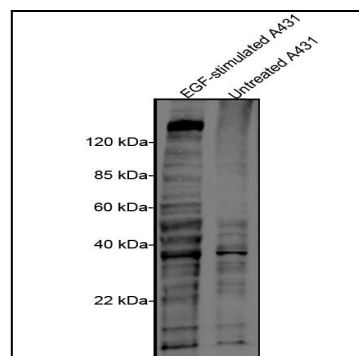


Figure-1 : Western blot analysis of Phosphotyrosine Antibody (Clone: 18E10D2) at 1 µg/ml on EGF-stimulated A431 cell lysates and untreated A431 cell lysates, IRDye 800 Conjugated affinity Purified Goat Anti-Mouse IgG was used as secondary Antibody.