

Phosphotyrosine antibody [3G247] (AP)

Cat. No. GTX17305

| | |
|---------------------|---------------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG2b |
| Applications | WB, IP, ELISA |
| Reactivity | Species independent |

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:1000 |
| IP | 2-10µg |
| ELISA | Assay dependent |

Note : Binding is inhibited by high salt concentrations and by divalent cations. Use a buffer with less than 150mM sodium chloride and divalent cations not much greater than 1mM.

Not tested in other applications.

Product Note

Recognizes native and denatured tyrosine phosphorylated proteins Binding of this antibody is inhibited by phosphotyrosine. Will not react with phosphoserine or phosphothreonine residues on proteins.

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | TBS, 1mM MgCl ₂ , 1% BSA, 50% Glycerol |
| Preservative | 0.09% Sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | Batch dependent (Please refer to the vial label for the specific concentration.) |
| Immunogen | Phosphotyrosine coupled to KLH. |
| Purification | Purified IgG |
| Conjugation | Alkaline Phosphatase (AP) |



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