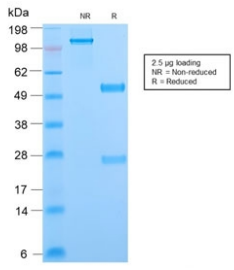
# Recombinant Phosphotyrosine Antibody / P-Tyr [clone PY2870R] (V8339)

| Catalog No. | Formulation | Size |
|---|---|---|
| V8339-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8339-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V8339SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | All species |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG, kappa |
| **Clone Name** | PY2870R |
| **Purity** | Protein A affinity chromatography |
| **Applications** | ELISA (order BSA-free Format For Coating) : |
| **Limitations** | This recombinant Phosphotyrosine antibody is available for research use only. |




SDS-PAGE analysis of purified, BSA-free Phosphotyrosine antibody (clone PY2870R) as confirmation of integrity and purity.

## Description

Protein phosphorylation is a fundamental event in the regulation of a large number of intracellular processes. Phosphorylation of specific tyrosine residues is the result of activation or stimulation of their respective protein tyrosine kinases. The phosphorylated proteins can be auto-phosphorylated kinases or certain cellular protein substrates. Tyrosine-

phosphorylated proteins are involved in signal transduction and in the regulation of cell proliferation. Antibody to phosphotyrosine provides an excellent tool for the detection, characterization, and purification of phosphotyrosine containing proteins. This MAb shows no cross-reaction with other phosphoamino acids and is superb for multiple applications including staining of formalin/paraffin tissues.

## Application Notes

Optimal dilution of the recombinant Phosphotyrosine antibody should be determined by the researcher.

## Immunogen

Phosphotyrosine was used as the immunogen for the recombinant Phosphotyrosine antibody.

## Storage

Store the recombinant Phosphotyrosine antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).