

## Anti-Phosphotyrosine [PY20] Standard size

[View Online](#)

**Description:** Recombinant monoclonal antibody to Phosphotyrosine. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma PY20. This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

**Isotype and Format:** Mouse IgG1, [Fc Silent™](#), kappa

**Clone Number:** PY20

**UniProt Accession Number of Target Protein:**

**Published Application(s):** WB; IF; IHC-P; IHC-FoFr; IP

**Published Species Reactivity:** Species independent

**Immunogen:** Phosphotyrosine conjugated to Keyhole limpet hemocyanin (KLH).

**Specificity:** PY20 recognizes phospho-tyrosine and phosphotyrosine containing proteins with a reported Kd of 500 nM for the original clone. Whilst phospho-Phenylalanine (Kd = 4 uM M), phospho-Serine (>100 mM) & phospho-Threonine (100 mM) are also detected, the differences in affinity make this antibody primarily phospho-tyrosine specific.

**Antibody First Published in:**

Glenney et al. J Immunol Methods. [PMID:2452204](#) **Note on publication:** Describes generation of anti-phosphotyrosine antibodies, including PY20

## Product Form

This is a Standard size product. Purified antibody.

**Purification:** Protein A affinity purified

**Supplied in:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** See vial label

**Product Code:** Ab00294-1.4

## Mouse IgG1

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.