

**AM00198PU-N****Monoclonal Antibody to HA Epitope Tag (YPYDVPDYA) - Purified**

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| <b>Quantity:</b>                     | 0.2 mg   |
| <b>Concentration:</b>                | 1.0 mg/ml  |
| <b>Background:</b>                   | Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. The HA tag is derived from an epitope of the influenza hemagglutinin protein, which has been extensively used as a general epitope tag in expression vectors. |
| <b>Host / Isotype:</b>               | Mouse / IgG2b  |
| <b>Recommended Isotype Controls:</b> | SM12P, AM03110PU-N   |
| <b>Clone:</b>                        | 12CA5  |
| <b>Immunogen:</b>                    | Synthetic peptide (YPYDVPDYA) derived from the Human Influenza Hemagglutinin protein   |
| <b>Format:</b>                       | <b>State:</b> Liquid purified IgG fraction<br><b>Purification:</b> Affinity Chromatography<br><b>Buffer System:</b> PBS, pH 7.2 containing 50% Glycerol, 1% BSA and 0.02% Thimerosal   |
| <b>Applications:</b>                 | <b>Western blot:</b> 0.5-4 µg/ml.<br><b>Immunoprecipitation:</b> 10-20 µg/ml.<br><b>Immunocytochemistry:</b> 10-20 µg/ml.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.  |
| <b>Specificity:</b>                  | The antibody detects HA-tag fused to the C-terminus or N-terminus of targeted proteins in transfected mammalian cells.<br>It is expected that the HA-Tag monoclonal antibody will react with proteins containing HA-tag from all species.  |
| <b>Storage:</b>                      | Upon receipt, store (in aliquots) at -20°C to -80°C.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.  |