



## NPAT mouse mAb

|                                  |                                                                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-09314                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>                | Human;Mouse                                                                                                                                                                                                                                                                                |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>                 | NPAT CAND3 E14                                                                                                                                                                                                                                                                             |
| <b>Protein Name</b>              | Protein NPAT (Nuclear protein of the ataxia telangiectasia mutated locus) (Nuclear protein of the ATM locus) (p220)                                                                                                                                                                        |
| <b>Immunogen</b>                 | Synthesized peptide derived from human NPAT AA range: 629-679                                                                                                                                                                                                                              |
| <b>Specificity</b>               | This antibody detects endogenous levels of human NPAT                                                                                                                                                                                                                                      |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                    |
| <b>Source</b>                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                      |
| <b>Purification</b>              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                       |
| <b>Dilution</b>                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                       |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>                  |                                                                                                                                                                                                                                                                                            |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                            |
| <b>Cell Pathway</b>              | Nucleus. Nucleus, Cajal body. Concentrates in two Cajal bodies tethered to histone gene clusters at chromosome 6p21 during G1, S and G2 phases. Also concentrates in two additional Cajal bodies tethered to histone gene clusters at chromosome 1q21 specifically during S and G2 phases. |
| <b>Tissue Specificity</b>        | Ubiquitously expressed.                                                                                                                                                                                                                                                                    |
| <b>Function</b>                  |                                                                                                                                                                                                                                                                                            |
| <b>Background</b>                |                                                                                                                                                                                                                                                                                            |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                       |
| <b>Usage suggestions</b>         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                                                          |



## Products Images