

**BM647****Monoclonal Antibody to Nuclear Antigen (Nuclei + Chromosomes) - Purified**

**Quantity:** 0.1 ml  
**Host / Isotype:** Mouse / IgG2a  
**Recommended Isotype Controls:** AM03096PU-N  
**Clone:** 1415-1 (21NC85)  
**Immunogen:** Native  
**Format:** **State:** Liquid purified IgG fraction  
**Purification:** Affinity Chromatography  
**Buffer System:** PBS, pH 7.2  
**Preservatives:** None  
**Stabilizers:** None

**Applications:** ELISA.  
**Western Blot:** Clone 14151 recognizes a primary band between 30 and 32kDa under non-reducing conditions. Other bands may also be present.  
**Immunofluorescence:** 1/20-1/30.  
**Immunohistochemistry on Frozen Sections.**  
**Immunohistochemistry on Paraffin Sections.**  
***Recommended Positive Control:*** Human Tonsil.  
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:** This antibody is Histone specific, a nuclear protein necessary for the condensation of nucleosome chains into higher order structures.  
This Clone stains nuclei of all Human cell types and also stains chromosomes diffusely in metaphase cells. Intense diffuse staining is obtained in interphase cells.  
**Species:** Human, Rat.  
Other species not tested.

**Storage:** Upon receipt, store undiluted (in aliquots) at -20°C.  
Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.