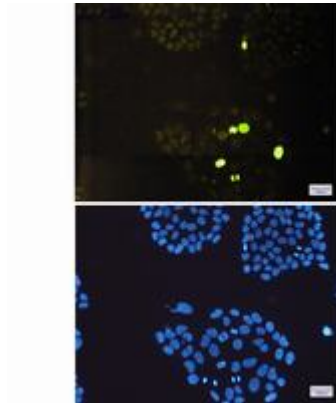
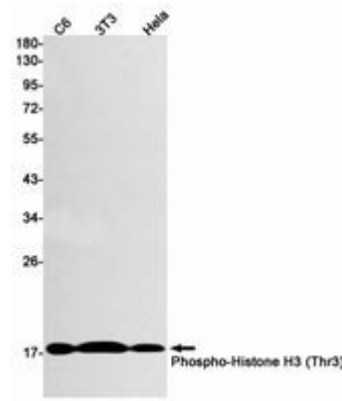


PHOSPHO-HISTONE H3 (THR3) RABBIT MAB**Cat.#:** N261709**Product Name:** Anti-Phospho-Histone H3 (Thr3) Rabbit Monoclonal Antibody**Synonyms:** H3 histone; family 3A; H3 histone; family 3B (H3.3B); H3.3A; H3.3B; H33; H3F3; H3F3A; H3F3B; Histone H3.3**UNIPROT ID:** P68431**Background:** H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.**Immunogen:** A synthetic phosphopeptide corresponding to residues surrounding Thr3 of human Histone H3**Applications:** WB, ICC/IF**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200**Host Species:** Rabbit**Clonality:** Rabbit Monoclonal**Clone ID:** R08-9D6**MW:** Calculated MW: 15 kDa; Observed MW: 15 kDa**Isotype:** IgG**Purification:** Affinity Purified**Species Reactivity:** Human, Mouse, Rat**Conjugation:** Unconjugated**Modification:** Phosphorylated**Constituents:** PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide**Research Areas:** Epigenetics, Histone phosphorylation**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Phospho-Histone H3 (Thr3) (green) in HeLa using Phospho-Histone H3 (Thr3) antibody, and DAPI (blue)



Western blot analysis of Phospho-Histone H3 (Thr3) in C6, 3T3, HeLa lysates using Phospho-Histone H3 (Thr3) antibody.