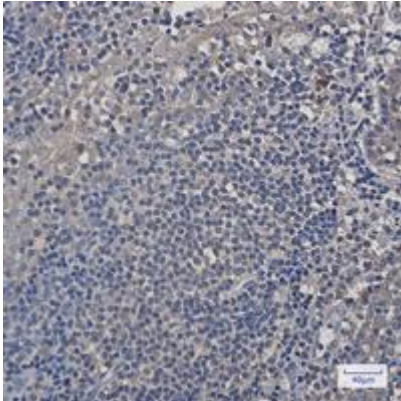


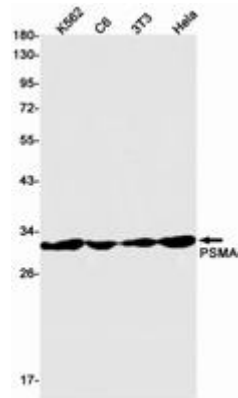
**PSMA4 RABBIT MAB****Cat.#:** N262776**Product Name:** Anti-PSMA4 Rabbit Monoclonal Antibody**Synonyms:** proteasome subunit alpha 4; HC9; PSC9; HsT17706**UNIPROT ID:** P25789

**Background:** Component of the 20S core proteasome complex involved in the proteolytic degradation of most intracellular proteins. This complex plays numerous essential roles within the cell by associating with different regulatory particles. Associated with two 19S regulatory particles, forms the 26S proteasome and thus participates in the ATP-dependent degradation of ubiquitinated proteins. The 26S proteasome plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins that could impair cellular functions, and by removing proteins whose functions are no longer required. Associated with the PA200 or PA28, the 20S proteasome mediates ubiquitin-independent protein degradation. This type of proteolysis is required in several pathways including spermatogenesis (20S-PA200 complex) or generation of a subset of MHC class I-presented antigenic peptides (20S-PA28 complex).

**Immunogen:** A synthetic peptide of human PSMA4**Applications:** WB,IHC-F,IHC-P,ICC/IF,IP**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20**Host Species:** Rabbit**Clonality:** Rabbit Monoclonal**Clone ID:** R08-8H3**MW:** Calculated MW: 29 kDa; Observed MW: 29 kDa**Isotype:** IgG**Purification:** Affinity Purified**Species Reactivity:** Human,Mouse,Rat**Conjugation:** Unconjugated**Modification:** Unmodified**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide**Research Areas:** Cell Biology**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human tonsil using PSMA4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of PSMA4 in K562, C6, 3T3, Hela lysates using PSMA4 antibody.