

## RAB7 RABBIT MAB

**Cat.#:** N262797

**Product Name:** Anti-Rab7 Rabbit Monoclonal Antibody

**Synonyms:** RAB7; PRO2706

**UNIPROT ID:** P51149

**Background:** Plays a role in the fusion of phagosomes with lysosomes. Plays important roles in microbial pathogen infection and survival, as well as in participating in the life cycle of viruses. Microbial pathogens possess survival strategies governed by RAB7A, sometimes by employing RAB7A function (e.g. Salmonella) and sometimes by excluding RAB7A function.

**Immunogen:** A synthetic peptide of human RAB7

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R07-8G1

**MW:** Calculated MW: 23 kDa; Observed MW: 23 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

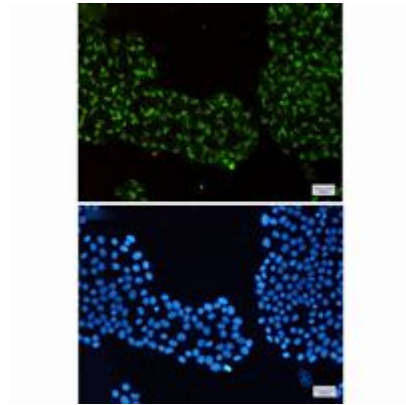
**Conjugation:** Unconjugated

**Modification:** Unmodified

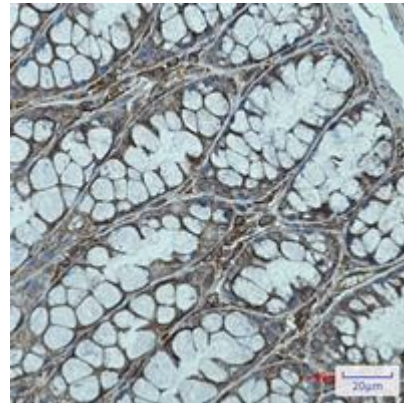
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** AutophagyAutophagosome

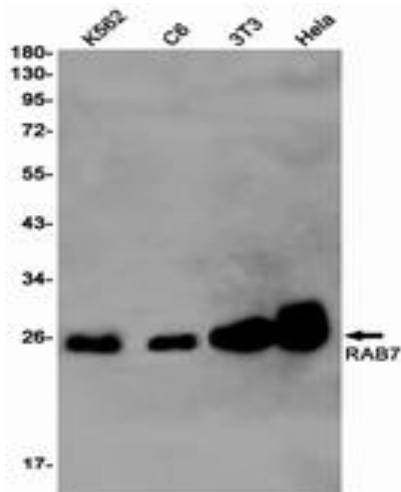
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of RAB7 (green) in HeLa cells using RAB7 antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded mouse colon using Rab7 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of RAB7 in K562, C6, 3T3, HeLa lysates using RAB7 antibody.