

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## ATG7 (1F8) MOUSE MAB

Cat.#: N261360

**Product Name:** Anti-ATG7 (1F8) Mouse Monoclonal Antibody Synonyms: hAGP7; Ubiquitin-activating enzyme E1-like protein; APG7L **UNIPROT ID:** 095352 Background: The molecular machinery of autophagy was largely discovered in yeast and referred to as autophagy-related (Atg) genes. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10. Immunogen: Purified recombinant protein expressed in E.coli. Applications: IHC-P Recommended Dilutions: IHC: 1/50-1/100 Host Species: Mouse **Clonality:** Mouse Monoclonal Clone ID: 1F8-8H4-4G10 **MW:** -Isotype: IgG1 Purification: Affinity Purified Species Reactivity: Human, Rat, Mouse Conjugation: Unconjugated **Modification:** Unmodified **Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

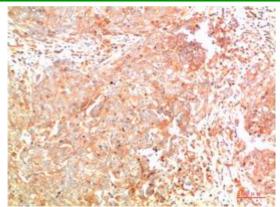
Research Areas: Cell Biology

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



## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma Tissue using ATG7 (1F8) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.