

## Anti-ATG10 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010281

### Product Information

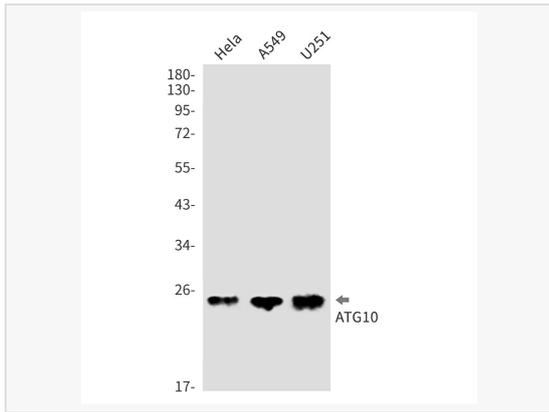
Application	WB, IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	95M23L22
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human ATG10
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ATG10 antibody [95M23L22] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	autophagy related 10, APG10, APG10L, pp12616.
Calculated MW	Calculated MW: 25 kDa; Observed MW: 25 kDa
Uniprot ID	Q9H0Y0
Gene ID	83734
Background	E2-like enzyme involved in autophagy. Acts as an E2-like enzyme that catalyzes the conjugation of ATG12 to ATG5. ATG12 conjugation to ATG5 is required for autophagy. Likely serves as an ATG5-recognition molecule. Not involved in ATG12 conjugation to ATG3 (By similarity). Plays a role in adenovirus-mediated cell lysis.

## Validation Images

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Western blot analysis of ATG10 in HeLa, A549, U251 lysates using ATG10 antibody.