

## Product Datasheet

# APG5L/ATG5 (8F1) Mouse mAb



Catalog No: AB3419

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: WB

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### Information

**UniProt ID:** Q9H1Y0

**All Names:** ASP;APG5;APG5L;hAPG5;APG5-LIKE;ATG5

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

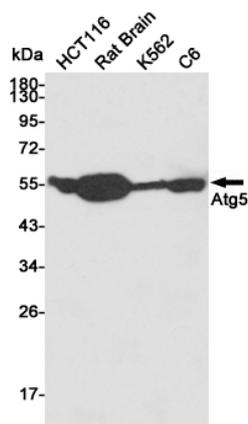
**Molecular Wt.:** 55kDa

### Application

WB 1:500-1:1000

### Background

Swiss-Prot Acc.Q9H1Y0. Required for autophagy. Conjugates to ATG12 and associates with isolation membrane to form cup-shaped isolation membrane and autophagosome. The conjugate detaches from the membrane immediately before or after autophagosome formation is completed. By similarity. Ref.6 May play an important role in the apoptotic process, possibly within the modified cytoskeleton. Its expression is a relatively late event in the apoptotic process, occurring downstream of caspase activity.



Western blot detection of Atg5 in HCT116, Rat Brain, K562 and C6 cell lysates using Atg5 mouse mAb (1:1000 diluted). Predicted band size: 55KDa. Observed band size: 55KDa.

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