

ATG5 mouse mAb(3C7) antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|--------------|---------|-----------------|---------------|
| A10981 | Mouse | 1 mg/ml | |

| | |
|------------------------------|--|
| Applications | IF, WB, IHC |
| Reactivity | Human, Mouse, Rat |
| Dilution | IF: 1:50-200 WB 1:500-2000, IHC 1:50-300 |
| Storage | -20°C/1 year |
| Specificity | The antibody detects endogenous ATG5 protein |
| Source / Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Immunogen | Recombinant Protein of ATG5 |
| Uniprot No | Q9H1Y0 |
| Alternative names | Autophagy protein 5 (APG5-like) (Apoptosis-specific protein) |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Clonality | Monoclonal |
| Isotype | IgG |
| Conjugation | |
| Background | autophagy related 5(ATG5) Homo sapiens The protein encoded by this gene, in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. The encoded protein is involved in several cellular processes, including autophagic vesicle formation, mitochondrial quality control after oxidative damage, negative regulation of the innate antiviral immune response, lymphocyte development and proliferation, MHC II antigen presentation, adipocyte differentiation, and apoptosis. Several transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq, Sep 2015], |
| Other | ATG5 APG5L ASP, Autophagy protein 5 (APG5-like) (Apoptosis-specific protein) |

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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