

Anti-Apg12(Atg12) Rabbit Monoclonal Antibody

Catalog Number: M00820-2

About ATG12

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

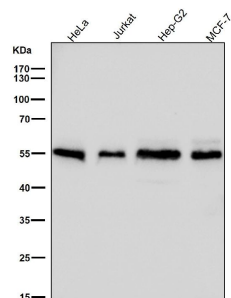
Product Name	Anti-Apg12(Atg12) Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Apg12(Atg12) Rabbit Monoclonal Antibody catalog # M00820-2. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal 17A34
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O94817

Technical Details

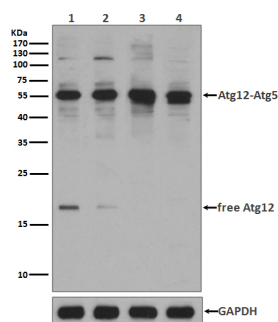
Immunogen	A synthesized peptide derived from human Apg12(Atg12)
Isotype	IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:100
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Anti-Apg12(Atg12) Rabbit Monoclonal Antibody (M00820-2) Images



All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



Western blot analysis of Apg12(Atg12) expression in 293 cell lysate.

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