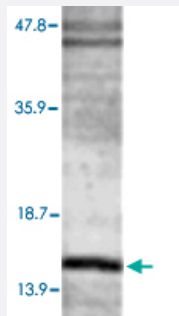


MAP1LC3A polyclonal antibody

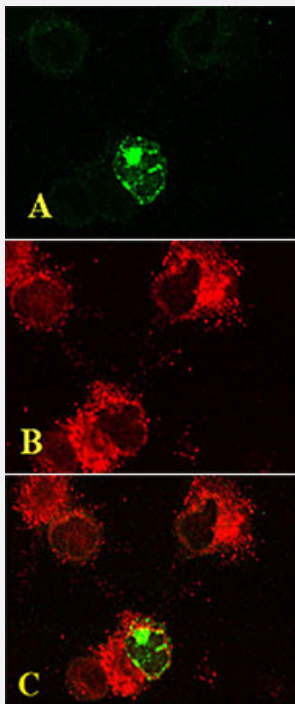
Catalog # PAB0733 Size 100 uL

Applications



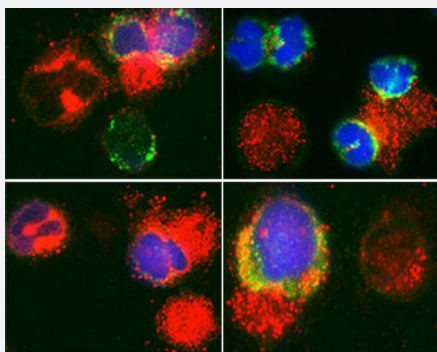
Western Blot (Cell lysate)

Western blot on Peripheral Blood Mononuclear Cells (PBMCs) lysate using rabbit MAP1LC3A polyclonal antibody (Cat # PAB0733) at a dilution of 1 : 100 (ECL) .



Immunocytochemistry

Confocal microscopy on immunofluorescently detected MAP1LC3A in cytospin - isolated human white blood cells using rabbit MAP1LC3A polyclonal antibody (Cat # PAB0733) at a dilution of 1 : 200, incubated for 1 h at room temperature. The cells were double - stained for MHC class II appearing in green (A) and MAP1LC3A appearing in red (B) .



Immunofluorescence

Confocal microscopy on immunofluorescently detected MAP1LC3A in cytoplasm - isolated human white blood cells using rabbit MAP1LC3A polyclonal antibody (Cat # PAB0733) at a dilution of 1 : 200, incubated for 1 hr at room temperature. The cells were double - stained for MAP1LC3A appearing in red and MHC class II appearing in green. The cells were counter stained with Hoechst Dye (blue colour) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MAP1LC3A.
Immunogen	A synthetic peptide (conjugated with Blue Carrier Protein) corresponding to N-terminus of human MAP1LC3A.
Host	Rabbit
Reactivity	Human, Rat
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1:100-1:1000) Immunofluorescence (1:100-1:1000) Western Blot (1:100-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western blot on Peripheral Blood Mononuclear Cells (PBMCs) lysate using rabbit MAP1LC3A polyclonal antibody (Cat # PAB0733) at a dilution of 1 : 100 (ECL) .

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

Confocal microscopy on immunofluorescently detected MAP1LC3A in cytospin - isolated human white blood cells using rabbit MAP1LC3A polyclonal antibody (Cat # PAB0733) at a dilution of 1 : 200, incubated for 1 h at room temperature. The cells were double - stained for MHC class II appearing in green (A) and MAP1LC3A appearing in red (B) .

- Immunofluorescence

Confocal microscopy on immunofluorescently detected MAP1LC3A in cytospin - isolated human white blood cells using rabbit MAP1LC3A polyclonal antibody (Cat # PAB0733) at a dilution of 1 : 200, incubated for 1 hr at room temperature. The cells were double - stained for MAP1LC3A appearing in red and MHC class II appearing in green. The cells were counter stained with Hoechst Dye (blue colour) .

Gene Info — MAP1LC3A

Entrez GeneID	84557
Protein Accession#	Q9H492;Q91VR7;Q6XVN8
Gene Name	MAP1LC3A
Gene Alias	LC3, LC3A, MAP1ALC3, MAP1BLC3
Gene Description	microtubule-associated protein 1 light chain 3 alpha
Omim ID	601242
Gene Ontology	Hyperlink
Gene Summary	MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	MAP1 light chain 3-like protein 1 MAP1A/1B light chain 3 A MAP1A/MAP1B LC3 A OTTHUMP0000030696 OTTHUMP00000030697 OTTHUMP00000030698 microtubule-associated proteins 1A/1B light chain 3