

À des fins de recherche uniquement

Anticorps Monoclonal anti-LC3A/B

Numéro de catalogue: 66139-1-Ig **22 Publications**



Informations de base

Numéro de catalogue: 66139-1-Ig	Numéro d'acquisition GenBank: NML_032514	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 687 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 84557	CloneNo.: 2B2B5
Hôte: Mouse	Nom complet: microtubule-associated protein 1 light chain 3 alpha	
Isotype: IgG1	MW calculé: 14 kDa	
	MW observés: 14 kDa, 16 kDa	

Applications

Applications testées:
ELISA

Demandes citées:
IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, porc, souris

Espèces citées:
Humain, porc, rat, souris, Hamster

Informations générales

LC3, also known as microtubule-associated protein 1 light chain 3 (MAP1LC3), is a mammalian homolog of the yeast Atg8p (autophagy-related 8 protein) that is involved in autophagy process. Three isoforms of LC3 exist as LC3A, LC3B, and LC3C. LC3 is first synthesized as pro-LC3, and undergoes C-terminal cleavage to yield a cytosolic precursor known as LC3-I. During autophagy LC3-I is subsequently conjugated to PE lipid as lipidated form: LC3-II. The lipidated form migrates faster on SDS-PAGE gel. The increased level of LC3-II has been widely used as autophagy marker. This antibody recognizes both LC3-I and LC3-II.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lei Gao	26407982	Apoptosis	WB
Xiaopeng Yuan	25220423	Exp Cell Res	WB
Min Liu	34480124	Cell Res	IF

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

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