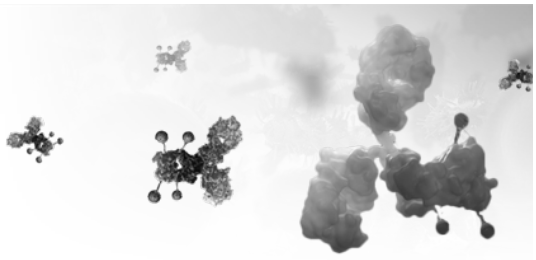

Anti-BECN1 monoclonal antibody, clone 5B21 (DCABH-725)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Beclin 1
Antigen Description	Plays a central role in autophagy (By similarity). May play a role in antiviral host defense. Protects against infection by a neurovirulent strain of Sindbis virus.
Immunogen	Recombinant full length protein of Human Beclin 1 (NP_003757) produced in HEK293T cells.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5B21
Purification	Purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, ICC/IF
Positive Control	WB: Beclin 1 transfected HEK293T cell lysate ICC/IF: COS7 cells transiently transfected with Beclin 1
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
Preservative	0.02% Sodium Azide

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Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	BECN1 beclin 1, autophagy related [Homo sapiens]
Official Symbol	BECN1
Synonyms	BECN1; beclin 1, autophagy related; beclin 1 (coiled coil, moesin like BCL2 interacting protein); beclin-1; ATG6; ATG6 autophagy related 6 homolog (S. cerevisiae); VPS30; ATG6 autophagy related 6 homolog; coiled-coil myosin-like BCL2-interacting protein;
Entrez Gene ID	8678
Protein Refseq	NP_003757
UniProt ID	A0A024R1X5
Chromosome Location	17q21
Pathway	Regulation of autophagy, organism-specific biosystem; Regulation of autophagy, conserved biosystem; Senescence and Autophagy, organism-specific biosystem;
Function	protein binding;

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