



Anti-CD63 monoclonal antibody, clone NFN-360 (CABT-23576MH)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. The use of alternate polyadenylation sites has been found for this gene. Alternative splicing results in multiple transcript variants encoding different proteins. Mouse monoclonal antibody raised against native CD63.
Immunogen	Native purified CD63 from human T cell line HPB-ALL.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	NFN-360
Conjugate	Unconjugated
Applications	WB, ICC, IP, Flow Cyt
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.4 (15 mM sodium azide)

Preservative	15mM Sodium Azide
Storage	-20°C, avoid repeated freeze/thaw cycles

GENE INFORMATION

Gene Name	CD63 CD63 molecule [Homo sapiens]
Official Symbol	CD63
Synonyms	TSPAN30; granulophysin; MLA1; lysosome-associated membrane glycoprotein 3; ME491; melanoma 1 antigen; melanoma-associated antigen MLA1; Lysosomal-associated membrane protein 3; tetraspanin-30; Melanoma-associated antigen ME491; tspan-30; Ocular melanoma-associated antigen; LAMP-3; OMA81H; CD63 antigen; CD63 antigen (melanoma 1 antigen)
Entrez Gene ID	967
Protein Refseq	NP_001035123
UniProt ID	A0A024RB05
Chromosome Location	12q12-q13
Pathway	Formation of Platelet plug, organism-specific biosystem; Hemostasis, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Platelet Activation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem