FLOT2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FLOT2, Monoclonal Antibody
Full Product Name	FLOT2 (Flotillin 2, Epidermal Surface Antigen, ESA, Membrane Component Chromosome 17 Surface Marker 1, ESA1, M17S1) (MaxLight 490)
Product Gene Name	anti-FLOT2 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3G6
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FLOT2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	47,064 Da
Immunogen	Full length recombinant corresponding to aa1-379 from human FLOT2 (AAH17292) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTLQPRCEDVETAEGVALTVTGVAQVKIMTEKELLAVACEQFLGKNVQDIKNVVLQTLEGHLRSILGTLTVEQIYQDRDQFAKLVREVAAPDVGRMGIEILS
Conjugate	MaxLight490
Product Categories/Family for anti-FLOT2 antibody	Antibodies; Glucose Transporters
Applications Tested/Suitable for anti-FLOT2 antibody	Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-FLOT2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FLOT2 antibody	Caveolae are small domains on the inner cell membrane involved in vesicular trafficking and signal transduction. This gene encodes a caveolae-associ
Other Notes	Small volumes of anti-FLOT2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

Searchable Terms for FLOT2 purchase	MBS6200865 is an antibody targeting FLOT2. Also known as FLOT2 (Flotillin 2, Epidermal Surface Antigen, ESA, Membrane Component Chromosom

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FLOT2. It may not necessarily be applicable to this product.

NCBI GI #	16878172
NCBI GeneID	2319
NCBI Accession #	BC017292
NCBI Related Accession #	AAH17292
UniProt Related Accession #	Q14254
NCBI Official Full Name	Homo sapiens flotillin 2, mRNA
NCBI Official Synonym Full Names	flotillin 2
NCBI Official Symbol	FLOT2
NCBI Official Synonym Symbols	ESA; ECS1; ESA1; ECS-1; M17S1
Protein Family	Flotillin-like protein
NCBI Protein Information	flotillin-2
Research Articles on FLOT2	**1.** Flot-2 exerts a pro-neoplastic role in NPC and is involved in tumor progression and metastasis. Moreover, Flot-2 exerts its role through NF-kappaB and PI3K/Akt3 signaling.
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