FVT1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FVT1, Monoclonal Antibody
Full Product Name	FVT1 (Follicular Variant Translocation Protein 1, FVT-1, 3-dehydrosphinganine Reductase, DHSR, 3-ketodihydrosphingosine Reductase, KDS Reducta
Product Gene Name	anti-FVT1 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2B2-3C11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FVT1.
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	29,159 Da
Immunogen	Full length recombinant corresponding to aa1-332 from human FVT1 (AAH08797.1) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	FVLLLYMVSPLISPKPLALPGAHVVVTGGSSGIGKCIAIECYKQGAFITLVARNEDKLLQAKKEIEMHSINDKQVVLCISVDVSQDYNQVENVIKQAQEKLGPV
Conjugate	MaxLight650
Product Categories/Family for anti-FVT1 antibody	Antibodies; Enzymes
Applications Tested/Suitable for anti-FVT1 antibody	FLISA, Western Blot (WB)
Application Notes for anti-FVT1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FVT1 antibody	FVT1 catalyzes the reduction of 3-ketodihydrosphingosine to dihydrosphingosine. The putative active site residues of the protein are found on the cytos
Other Notes	Small volumes of anti-FVT1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa

Searchable Terms for FVT1 purchase	MBS6222266 is an antibody targeting FVT1. Also known as FVT1 (Follicular Variant Translocation Protein 1, FVT-1, 3-dehydrosphinganine Reductase

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FVT1. It may not necessarily be applicable to this product.

NCBI GI #	33873993
NCBI GeneID	2531
NCBI Accession #	BC008797
NCBI Related Accession #	AAH08797.1
UniProt Secondary Accession #	B2R5Y1; B4DMX0
UniProt Related Accession #	Q06136
NCBI Official Full Name	Homo sapiens 3-ketodihydrosphingosine reductase, mRNA
NCBI Official Synonym Full Names	3-ketodihydrosphingosine reductase
NCBI Official Symbol	KDSR
NCBI Official Synonym Symbols	DHSR; FVT1; SDR35C1
NCBI Protein Information	3-ketodihydrosphingosine reductase; 3-dehydrosphinganine reductase; FVT-1; KDS reductase; follicular lymphoma variant translocation 1; follicular variant translocation protein 1; short chain dehydrogenase/reductase family 35C, member 1
NCBI Summary for FVT1	The protein encoded by this gene catalyzes the reduction of 3-ketodihydrosphingosine to dihydrosphingosine. The putative active site residues of the encoded protein are found on the cytosolic side of the endoplasmic reticulum membrane. A chromosomal rearrangement involving this gene is a cause of follicular lymphoma, also known as type II chronic lymphatic leukemia. The mutation of a conserved residue in the bovine ortholog causes spinal muscular atrophy. [provided by RefSeq, Jul 2008]
Research Articles on FVT1	**1.** FVT1 is significantly underexpressed by germinal center-type diffuse large B-cell lymphoma compared with non-germinal center-type DLBCL, follicular lymphoma, & normal tonsil control samples. Increased expression of FVT1 correlated with decreased survival.
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