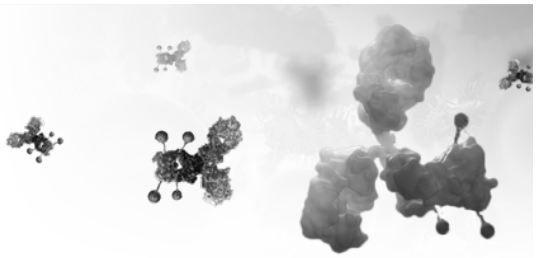

Mouse anti-Human KDSR monoclonal antibody, clone 3C34D22 (CABT-B10514)

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

PRODUCT INFORMATION

Immunogen	FVT1 (AAH08797, 1 a.a. ~ 333 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3C34D22
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	FVLLLYMVSPLISPKPLALPGAHVVVTGGSSGIGKCIAIECYKQGAFITLVARNEDKLLQ AKKEIEMHSINDKQVVLCISVDVSQDYNQVENVIKQAQEKLGPVDMLVNCAGMAVSGKFE DLEVSTFERLMSINYLGSVYPSRAVITTMKERRVGRIVFVSSQAGQLGLFGFTAYSASKF AIRGLAEALQMEVKPYNVYITVAYPPDTDTPGFAEENRTKPLETRLISETTSVCKPEQVA KQIVKDAIQGNFNSS
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

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Introduction	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]
Keywords	KDSR; 3-ketodihydrosphingosine reductase; DHSR; FVT1; SDR35C1; FVT-1; KDS reductase; 3-dehydrosphinganine reductase; follicular variant translocation protein 1; follicular lymphoma variant translocation 1; short chain dehydrogenase/reductase family 35C, member 1;

GENE INFORMATION

Entrez Gene ID	2531
UniProt ID	Q06136
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem; Sphingolipid metabolism, conserved biosystem
Function	3-dehydrosphinganine reductase activity; 3-dehydrosphinganine reductase activity; binding; oxidoreductase activity

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