



Mouse anti-Human DBR1 monoclonal antibody, clone 4B8 (CABT-B10070)

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

PRODUCT INFORMATION

Immunogen	DBR1 (NP_057300, 445 a.a. ~ 539 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4B8
Conjugate	Unconjugated
Applications	WB, IF, sELISA, ELISA
Sequence Similarities	SGMNTPSVEPSDQASEFSASFSDVRILPGSMIVSSDDTVDSTIDREGKPGGTVESGNGED LTKVPLKRLSDEHEPEQRKKIKRRRNQAIYAAVDD*
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

Introduction	The protein encoded by this gene is an RNA lariat debranching enzyme that hydrolyzes 2-5' prime branched phosphodiester bonds. The encoded protein specifically targets the bonds at
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the branch point of excised lariat intron RNA, converting them to linear molecules that are then degraded. This protein may also be involved in retroviral replication. [provided by RefSeq, Nov 2011]

Keywords DBR1; debranching RNA lariats 1; lariat debranching enzyme; debranching enzyme homolog 1; RNA lariat debranching enzyme;

GENE INFORMATION

Entrez Gene ID [51163](#)

UniProt ID [Q9UK59](#)

Function RNA lariat debranching enzyme activity; hydrolase activity, acting on ester bonds; metal ion binding