



# 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

|                              |   |
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| <b>Immunogen</b>             | DBR1 (NP_057300, 445 a.a. ~ 539 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Isotype</b>               | IgG2a   |
| <b>Source/Host</b>           | Mouse   |
| <b>Species Reactivity</b>    | Human   |
| <b>Clone</b>                 | 4B8   |
| <b>Conjugate</b>             | Unconjugated  |
| <b>Applications</b>          | WB,IF,sELISA,ELISA  |
| <b>Sequence Similarities</b> | SGMNTPSVEPSDQASEFSASFSDVRILPGSMIVSSDDTVDDSTIDREGKPGGTVESGNGED<br>LTKVPLKRLSDEHEPEQRKKIKRRNQAIYAAVDD*              |
| <b>Format</b>                | Liquid  |
| <b>Size</b>                  | 100 µg  |
| <b>Buffer</b>                | In 1x PBS, pH 7.2   |
| <b>Storage</b>               | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |

## BACKGROUND

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| <b>Introduction</b> | 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]

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| <b>Keywords</b> | DBR1; debranching RNA lariats 1; lariat debranching enzyme; debranching enzyme homolog 1; RNA lariat debranching enzyme; |
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## GENE INFORMATION

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| <b>Entrez Gene ID</b> | <a href="#">51163</a> |
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| <b>UniProt ID</b> | <a href="#">Q9UK59</a> |
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| <b>Function</b> | RNA lariat debranching enzyme activity; hydrolase activity, acting on ester bonds; metal ion binding |
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