



Mouse anti-Human BLVRB monoclonal antibody, clone 3G5 (CABT-B9857)

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

PRODUCT INFORMATION

Immunogen	BLVRB (NP_000704, 107 a.a. ~ 207 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	3G5
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	VACTSAFLLWDPTKVPRLQAVTDDHIRMHKVLRESGLKYVAVMPPHIGDQPLTGAYTVT LDGRGPSRVISKHDLGHFMLRCLTTDEYDGHSTYP SHQYQ*
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 final step in heme metabolism in mammals is catalyzed by the cytosolic biliverdin reductase enzymes A and B (EC 1.3.1.24).[supplied by OMIM, Jul 2009]
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Keywords	BLVRB; biliverdin reductase B; FLR; BVRB; SDR43U1; HEL-S-10; flavin reductase (NADPH); FR; GHBP; BVR-B; NADPH-flavin reductase; NADPH-dependent diaphorase; green heme-binding protein; biliverdin-IX beta-reductase; epididymis secretory protein Li 10; biliverdin reductase B (flavin reductase (NADPH)); short chain dehydrogenase/reductase family 43U, member 1;
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GENE INFORMATION

Entrez Gene ID	645
UniProt ID	P30043
Pathway	Heme degradation, organism-specific biosystem; Metabolism of porphyrins, organism-specific biosystem; Porphyrin and chlorophyll metabolism, organism-specific biosystem; Porphyrin and chlorophyll metabolism, conserved biosystem; Riboflavin metabolism, organism-specific biosystem; Riboflavin metabolism, conserved biosystem
Function	biliverdin reductase activity; biliverdin reductase activity; binding; flavin reductase activity; oxidoreductase activity