



# Mouse anti-Human HPGDS monoclonal antibody, clone 846402 (CABT-B9454)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	E. coli-derived recombinant human Hematopoietic Prostaglandin D Synthase/HPGDS Pro2-Leu199
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	846402
<b>Purification</b>	Protein A/G
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Lyophilized
<b>Concentration</b>	0.5 mg/ml
<b>Size</b>	100 µg
<b>Buffer</b>	PBS with 5% trehalose
<b>Preservative</b>	no preservative
<b>Storage</b>	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

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<b>Introduction</b>	Prostaglandin-D synthase is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH2 to PGD2 and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes. [provided by RefSeq, Jul 2008]
<b>Keywords</b>	HPGDS; hematopoietic prostaglandin D synthase; GSTS; PGD2; PGDS; GSTS1; GSTS1-1; GST class-sigma; glutathione S-transferase sigma; glutathione-dependent PGD synthase; glutathione-dependent PGD synthetase; glutathione-requiring prostaglandin D synthase; hematopoietic prostaglandin D2 synthase; prostaglandin-H2 D-isomerase;

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## GENE INFORMATION

Entrez Gene ID [27306](#)

UniProt ID [O60760](#)