



## Mouse anti-Human ENTPD4 monoclonal antibody, clone 5I8 (CABT-B10192)

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

### PRODUCT INFORMATION

<b>Immunogen</b>	ENTPD4 (NP_004892, 371 a.a. ~ 470 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5I8
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	LDIKDEIQQQNGQTIYLRTGDFDLCRETIQPFMNKTNETQTSNGVYQPPIHQNSEFYGFSEFYYCTEDVLRMGGDYNAAKFTKAAKDYCATKWSILR*
<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

<b>Introduction</b>	This gene encodes a member of the apyrase protein family. Apyrases are enzymes that catalyze the hydrolysis of nucleotide diphosphates and triphosphates in a calcium or
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magnesium-dependent manner. The encoded protein is an endo-apyrase and may play a role in salvaging nucleotides from lysosomes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and these isoforms may differ in divalent cation dependence and substrate specificity. [provided by RefSeq, Sep 2011]

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<b>Keywords</b>	ENTPD4; ectonucleoside triphosphate diphosphohydrolase 4; LAP70; LALP70; LYSAL1; UDPase; NTPDase-4; golgi luminal UDPase; uridine-diphosphatase; lysosomal apyrase-like 1; guanosine-diphosphatase like protein; lysosomal apyrase-like protein of 70 kDa;
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">9583</a>
<b>UniProt ID</b>	<a href="#">Q9Y227</a>
<b>Pathway</b>	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem
<b>Function</b>	hydrolase activity; uridine-diphosphatase activity

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