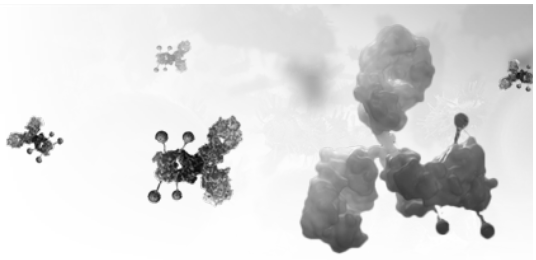

Mouse anti-Human KYNU monoclonal antibody, clone 2H3 (CABT-B10540)

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

PRODUCT INFORMATION

Immunogen	KYNU (NP_003928, 2 a.a. ~ 109 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	2H3
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	EPSSLELPADTVQRIAAELKCHPTDERVALHLDEEDKLRHFRECFYIPKIQDLPPVDLSL VNKDENAIYFLGNSLGLQPKMVKTYLEEELDKWAKIAAYGHEVGKRP*
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	Kynureninase is a pyridoxal-5-phosphate (pyridoxal-P) dependent enzyme that catalyzes the cleavage of L-kynurenine and L-3-hydroxykynurenine into anthranilic and 3-hydroxyanthranilic

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	acids, respectively. Kynureninase is involved in the biosynthesis of NAD cofactors from tryptophan through the kynurenine pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2010]
Keywords	KYNU; kynureninase; KYNUU; L-kynurenine hydrolase;

GENE INFORMATION

Entrez Gene ID	8942
UniProt ID	Q9BVW3
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Selenium Pathway, organism-specific biosystem; Tryptophan catabolism, organism-specific biosystem; Tryptophan metabolism, organism-specific biosystem; Tryptophan metabolism, organism-specific biosystem
Function	hydrolase activity; kynureninase activity; kynureninase activity; kynureninase activity; kynureninase activity; protein homodimerization activity; pyridoxal phosphate binding

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