



Mouse anti-Human EIF1AY monoclonal antibody, clone 2C5 (CABT-B10174)

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

PRODUCT INFORMATION

Immunogen	EIF1AY (AAH05248, 22 a.a. ~ 96 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	2C5
Conjugate	Unconjugated
Applications	WB, IF, ELISA
Sequence Similarities	EKRELVFKEKGQEYAQVIKMLGNRLEALCFDGVKRLCHIRGKLRKKWINTSDIILVGL RDYQDNKADVILKY
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	This gene is located on the non-recombining region of the Y chromosome. It encodes a protein related to eukaryotic translation initiation factor 1A (EIF1A), which may function in stabilizing the
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binding of the initiator Met-tRNA to 40S ribosomal subunits. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Keywords	EIF1AY; eukaryotic translation initiation factor 1A, Y-linked; eIF-4C; eukaryotic translation initiation factor 1A, Y-chromosomal; eIF-1A Y isoform; eukaryotic translation initiation factor 4C; eukaryotic translation initiation factor 1A, Y chromosome;
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GENE INFORMATION

Entrez Gene ID	9086
UniProt ID	O14602
Pathway	RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Translation Factors, organism-specific biosystem
Function	RNA binding; protein binding; translation initiation factor activity
