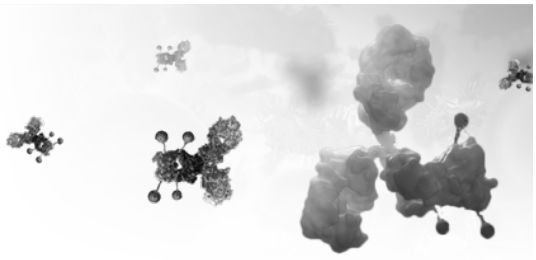

Mouse anti-Human EIF4H monoclonal antibody, clone 5C3 (CABT-B10179)

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

PRODUCT INFORMATION

Immunogen	WBSCR1 (NP_114381, 1 a.a. ~ 101 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	5C3
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MADFDTYDDRAYSSFGGGRGSRGSAGGHGSRSQKELPTEPPYTAYVGNLPFNTVQGDIDA IFKDLSIRSVRLVRDKDTDKFKGFCYVEFDEVDSLKEALT*
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 encodes one of the translation initiation factors, which functions to stimulate the initiation of protein synthesis at the level of mRNA utilization. This gene is deleted in Williams

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq, Jul 2008]
Keywords	EIF4H; eukaryotic translation initiation factor 4H; WSCR1; WBSCR1; eIF-4H; Williams-Beuren syndrome chromosome region 1;

GENE INFORMATION

Entrez Gene ID	7458
UniProt ID	Q15056
Pathway	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S, organism-specific biosystem; Cap-dependent Translation Initiation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem; GTP hydrolysis and joining of the 60S ribosomal subunit, organism-specific biosystem; Gene Expression, organism-specific biosystem; L13a-mediated translational silencing of Ceruloplasmin expression, organism-specific biosystem
Function	RNA binding; nucleotide binding; protein binding; translation factor activity, nucleic acid binding; translation initiation factor activity

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221