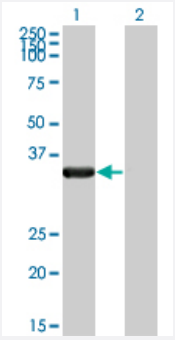
HAX1 monoclonal antibody (M04), clone 1D2

Catalog # H00010456-M04 Size 100 ug

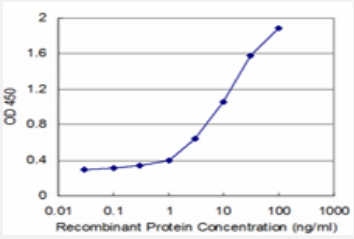
Applications



Western Blot (Transfected lysate)

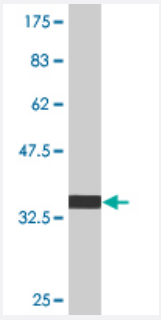
Western Blot analysis of HAX1 expression in transfected 293T cell line by HAX1 monoclonal antibody (M04), clone 1D2.

Lane 1: HAX1 transfected lysate(31.6 KDa).
Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HAX1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HAX1.

Immunogen	HAX1 (NP_006109.2, 76 a.a. ~ 174 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HDNFGFDDLVRDFNSIFSDMGAWTLPSHPPELPGPESETPGERLREGQTLRDSMLKYPDSHQP RIFGGVLESDARSESPQPAPDWGSQRPFHRFDDVWP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (80)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Transfected lysate)

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  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

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  Protocol Download

- ELISA

Gene Info — HAX1

Entrez GeneID	10456
GeneBank Accession#	NM_006118
Protein Accession#	NP_006109.2
Gene Name	HAX1
Gene Alias	FLJ17042, FLJ18492, FLJ93803, HCLSBP1, HS1BP1, SCN3
Gene Description	HCLS1 associated protein X-1
Omim ID	605998 610738
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn substrate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in which are associated with autosomal-dominant polycystic kidney disease, and with the F-actin-binding protein, cortactin. It was earlier thought that this gene product is mainly localized in the mitochondria, however, recent studies indicate it to be localized in the cell body. Mutations in this gene result in autosomal recessive severe congenital neutropenia, also known as Kostmann disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	HCLS1 (and PKD2) associated protein|HS1 binding protein|OTTHUMP00000034190

Disease

- Myelodysplastic Syndromes