



Rabbit Anti-MFHA1/Malignant fibrous histiocytoma antibody

SL18640R

Product Name:	MFHA1/Malignant fibrous histiocytoma
Chinese Name:	恶性纤维组织细胞瘤抗体
Alias:	Malignant fibrous histiocytoma-amplified sequence 1; Malignant fibrous histiocytoma-amplified sequence with leucine-rich tandem repeats 1; MFHA1 HUMAN; Mfhas1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Dog,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	117kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MFHA1/Malignant fibrous histiocytoma:951-1052/1052
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Identified in a human 8p amplicon, this gene is a potential oncogene whose expression is enhanced in some malignant fibrous histiocytomas (MFH). The primary structure of its product includes an ATP/GTP-binding site, three leucine zipper domains, and a

leucine-rich tandem repeat, which are structural or functional elements for interactions among proteins related to the cell cycle, and which suggest that overexpression might be oncogenic with respect to MFH. [provided by RefSeq, Jul 2008]

Tissue Specificity:

Ubiquitously expressed. Overexpressed in malignant fibrous histiocytomas.

DISEASE:

A chromosomal aberration involving MFHAS1 may be a cause of B-cell lymphoma. Translocation t(8;14)(p23.1;q21) with a cryptic exon named '14q21 element'. The resulting fusion protein named 'chimeric MASL1' is tumorigenic in nude mice.

Similarity:

Contains 13 LRR (leucine-rich) repeats.
Contains 1 Roc domain.

SWISS:

Q9Y4C4

Gene ID:

9258

Database links:

[Entrez Gene: 9258](#) Human

[Entrez Gene: 52065](#) Mouse

[Entrez Gene: 306508](#) Rat

[SwissProt: Q9Y4C4](#) Human

[SwissProt: Q3V1N1](#) Mouse

[Unigene: 379414](#) Human

[Unigene: 103246](#) Mouse

[Unigene: 106316](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.