

Rabbit Anti-MFSD6/AF350 Conjugated antibody

SL18904R-AF350

Product Name	Anti-MFSD6/AF350
Chinese Name	AF350 标记的 MFSD6 蛋白抗体
Alias	FLJ20160; HMMR2; macrophage MHC class I receptor 2 homolog; Macrophage MHC class I receptor 2 homolog; Macrophage MHC receptor 2; Major facilitator superfamily domain containing protein 6; MFSD6; MMR2; OTTHUMP00000163510; OTTHUMP00000205546; OTTHUMP00000205548.
Research Area	Tumour immunology Signal transduction
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	88kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human MFSD6
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: MFSD6L is a 586 amino acid multi-pass membrane protein of the MFSD6 family and major facilitator superfamily. The gene encoding MFSD6L maps

to human chromosome 17, which contains about 81 million bases and 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though it is specifically recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. Chromosome 17 is also linked to neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth.

Subunit:

May interact with HLA-B62.

Subcellular Location:

Membrane

Tissue Specificity:

Widely expressed. Expression levels in peripheral blood mononuclear cells are highly variable between individuals, including no expression at all.

Similarity:

Belongs to the major facilitator superfamily. MFSD6 family.

Database links:

[Entrez Gene: 54842](#) Human

[Omim: 613476](#) Human

[SwissProt: Q6ZSS7](#) Human

Important Note:

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