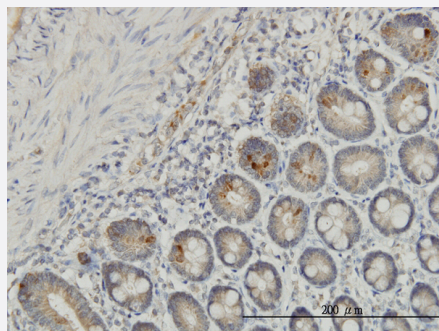


# IL1F7 monoclonal antibody (M06), clone 6A6

Catalog # H00027178-M06

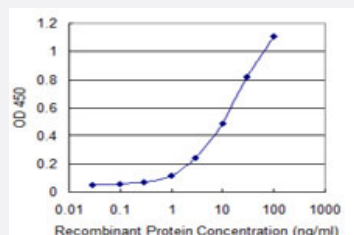
Size 100 ug

## Applications



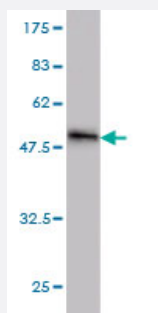
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to IL1F7 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL1F7 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (49.72 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant IL1F7.

Immunogen	IL1F7 (AAH20637, 1 a.a. ~ 218 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSFVGENSGVKMGSEDWEKDEPQCCLEDPAVSPLEPGPSLPAMNFVHTSPKVKNLNPKKFSIH DQDHKVLVLDSGNLIAPDKNYIRPEIFFALASSLSSASAEKGSPILLGVSKGEFCLYCDKDKGQS HPSLQLKKEKLMKLAAQKESARRPFIFYRAQVGSWNMLESAHPGWFICTSCNCNEPVGVTDKF ENRKHIEFSFQPVCKAEMSPSEVSD
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.72 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to IL1F7 on formalin-fixed paraffin-embedded human small intestine. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL1F7 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — IL1F7

Entrez GeneID [27178](#)

GeneBank Accession#	<a href="#">BC020637</a>
Protein Accession#	<a href="#">AAH20637</a>
Gene Name	IL1F7
Gene Alias	FIL1, FIL1(ZETA), FIL1Z, IL-1F7, IL-1H4, IL-1RP1, IL1H4, IL1RP1
Gene Description	interleukin 1 family, member 7 (zeta)
Omim ID	<a href="#">605510</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1Rrp). This cytokine also binds to interleukin 18 binding protein (IL18BP), an inhibitory binding protein of interleukin 18 (IL18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL18. This gene along with eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Five alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]
Other Designations	IL-1F7b (IL-1H4, IL-1H, IL-1RP1) IL-1X protein IL1F7 (canonical product IL-1F7b) interleukin 1 family member 7 interleukin 1 family, member 7 interleukin 1, zeta interleukin-1 homolog 4 interleukin-1 superfamily z interleukin-1-related protein

## Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Spondylitis](#)