



# Mouse anti-Human IL37 monoclonal antibody, clone 7B7 (CABT-B10460)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	IL1F7 (AAH20637, 1 a.a. ~ 218 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	7B7
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, sELISA, ELISA
<b>Sequence Similarities</b>	MSFVGENSGVKMGSEDWEKDEPQCCLLEDPAVSPLEPGPSLPAMNFVHTSPKVKNLNPKKF SIHDQDHKVLVLDGNLIAVPDFKNYIRPEIFFALASSLSSASAEGKGPILLGVSKGEFCL YCDKDKGQSHPSLQLKKEKLMKLAAQKESARRPFIFYRAQVGWSNMLESAAHPGWFICTS CNCNEPVGVTDKFENRKHIEFSFQPVCKAEMSPSEVSD
<b>Format</b>	Liquid
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine
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can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1R $\rho$ ). 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, Jul 2008]

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<b>Keywords</b>	IL37; interleukin 37; FIL1; FIL1Z; IL-1H; IL-37; IL1F7; IL1H4; IL-1F7; IL-1H4; IL1RP1; IL-1RP1; FIL1(ZETA); interleukin-37; FIL1 zeta; IL-1 zeta; IL-1X protein; interleukin-23; interleukin 1, zeta; interleukin-1 homolog 4; interleukin-1 superfamily z; interleukin 1 family member 7; interleukin-1-related protein; IL-1F7b (IL-1H4, IL-1H, IL-1RP1); IL1F7 (canonical product IL-1F7b);
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## GENE INFORMATION

Entrez Gene ID	<a href="#">27178</a>
UniProt ID	<a href="#">Q9NZH6</a>
Function	cytokine activity;interleukin-1 receptor antagonist activity;interleukin-1 receptor binding;

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