



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

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.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	7B7
Conjugate	Unconjugated
Applications	WB, IHC, sELISA, ELISA
Sequence Similarities	MSFVGENSGVKMGSEDWEKDEPQCCLEDPVSPLEPGPSLPAMNFVHTSPKVKNLNPCKF SIHDQDQHKVLVLDSGNLIAVPDKNYIRPEIFFALASSLSSASAEKGSPILLGVSKGEFCL YCDKDKGQSHPSLQLKKEKLMKLAAQKESARRPFIFYRAQVGSWNMLESAHPGWFICTS CNCNEPVGVTDFENRKHIEFSFQPVCKAEMSPSEVSD
Format	Liquid
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction 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, Jul 2008]

Keywords

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);

GENE INFORMATION

Entrez Gene ID

[27178](#)

UniProt ID

[Q9NZH6](#)

Function

cytokine activity;interleukin-1 receptor antagonist activity;interleukin-1 receptor binding;
