



Mouse anti-Human IL23R monoclonal antibody, clone 4E8 (CABT-B10458)

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

PRODUCT INFORMATION

Immunogen	IL23R (NP_653302, 553 a.a. ~ 629 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4E8
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	LNQGECSSPDIQNSVEETMLLENDSPSETIPEQTLLPDEFVSCLGIVNEELPSINTYF PQNILESHFNRISLLE*
Format	Liquid
Size	100 µg
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 subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling.
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This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner. [provided by RefSeq, Jul 2008]

Keywords IL23R; interleukin 23 receptor; interleukin-23 receptor; IL-23 receptor;

GENE INFORMATION

Entrez Gene ID [149233](#)

UniProt ID [Q5VWK5](#)

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; IL23-mediated signaling events, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem

Function contributes_to interleukin-12 receptor binding; contributes_to interleukin-23 binding; contributes_to interleukin-23 receptor activity; receptor activity