

IL23R Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant IL23R.****Catalog # AT2517a****Specification**

IL23R Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q5VWK5
Other Accession	NM_144701
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	71722

IL23R Antibody (monoclonal) (M01) - Additional Information**Gene ID** 149233**Other Names**

Interleukin-23 receptor, IL-23 receptor, IL-23R, IL23R

Target/Specificity

IL23R (NP_653302, 553 a.a. ~ 628 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

IL23R Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

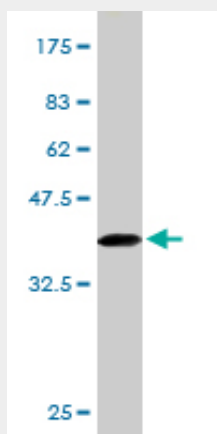
IL23R Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

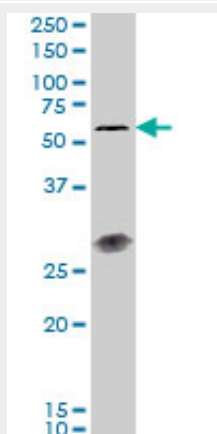
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

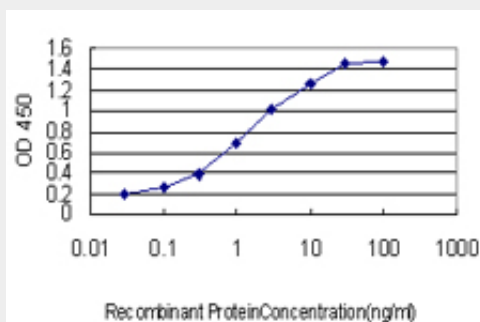
IL23R Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.1 kDa) .



IL23R monoclonal antibody (M01), clone 3D7 Western Blot analysis of IL23R expression in A-431 (Cat # AT2517a)



Detection limit for recombinant GST tagged IL23R is approximately 0.1 ng/ml as a capture antibody.

IL23R Antibody (monoclonal) (M01) - Background

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. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner.

IL23R Antibody (monoclonal) (M01) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Toll-like receptor 9, NOD2 and IL23R gene polymorphisms influenced outcome in AML patients transplanted from HLA-identical sibling donors. Elmaagacli AH, et al. Bone Marrow Transplant, 2010 Jul 12. PMID 20622911. Genome-wide association studies identify IL23R-IL12RB2 and IL10 as Behçet's disease susceptibility loci. Mizuki N, et al. Nat Genet, 2010 Aug. PMID 20622879. Genome-wide association study identifies variants in the MHC class I, IL10, and IL23R-IL12RB2 regions associated with Behçet's disease. Remmers EF, et al. Nat Genet, 2010 Aug. PMID 20622878. A nonsynonymous polymorphism in IL23R gene is associated with risk of gastric cancer in a Chinese population. Chen J, et al. Mol Carcinog, 2010 Oct. PMID 20607725.