

**GPR175 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant GPR175.

Catalog # AT2246a

**Specification**

---

**GPR175 Antibody (monoclonal) (M01) - Product Information**

Application	WB
Primary Accession	<a href="#">Q86W33</a>
Other Accession	<a href="#">NM_016372</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	41053

**GPR175 Antibody (monoclonal) (M01) - Additional Information**

Gene ID 131601

**Other Names**

Transmembrane protein adipocyte-associated 1, Integral membrane protein GPR175, Transmembrane protein 227, TPRA1, GPR175, TMEM227

**Target/Specificity**

GPR175 (NP\_057456, 281 a.a. ~ 371 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**

GPR175 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

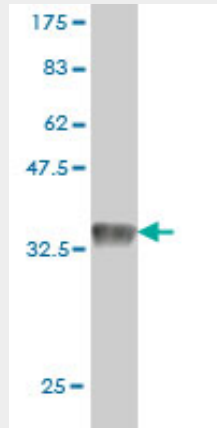
**GPR175 Antibody (monoclonal) (M01) - Protocols**

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

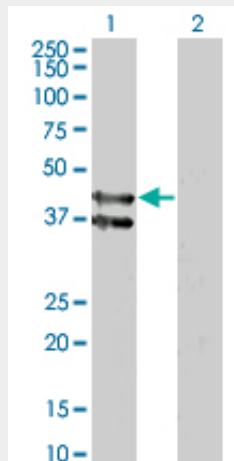
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

### GPR175 Antibody (monoclonal) (M01) - Images



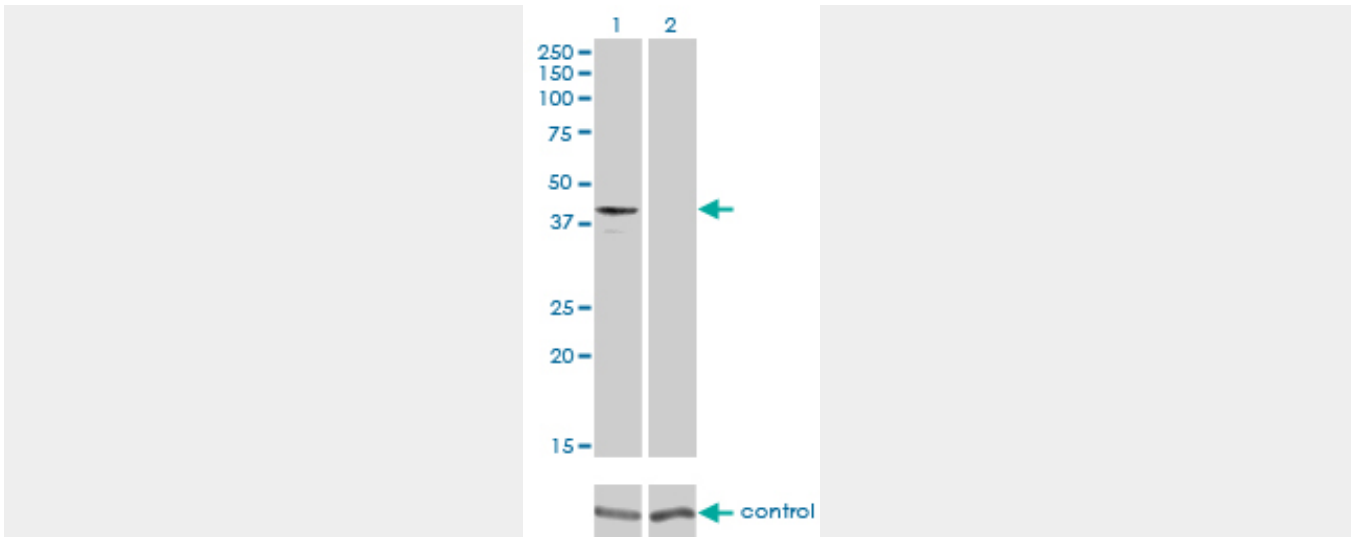
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.75 KDa) .



Western Blot analysis of GPR175 expression in transfected 293T cell line by GPR175 monoclonal antibody (M01), clone 6D7.

Lane 1: GPR175 transfected lysate(41.053 KDa).

Lane 2: Non-transfected lysate.



Western blot analysis of GPR175 over-expressed 293 cell line, cotransfected with GPR175 Validated Chimera RNAi (Cat # AT2246a)

### **GPR175 Antibody (monoclonal) (M01) - References**

Identifying leukocyte gene expression patterns associated with plasma lipid levels in human subjects. Ma J, et al. *Atherosclerosis*, 2007 Mar. PMID 16806233. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. *Nat Genet*, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. *Proc Natl Acad Sci U S A*, 2002 Dec 24. PMID 12477932. Differential expression of a novel seven transmembrane domain protein in epididymal fat from aged and diabetic mice. Yang H, et al. *Endocrinology*, 1999 Jun. PMID 10342878.