

LGR7 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant LGR7.****Catalog # AT2704a****Specification**

LGR7 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q9HBX9
Other Accession	NM_021634
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	86975

LGR7 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 59350**Other Names**

Relaxin receptor 1, Leucine-rich repeat-containing G-protein coupled receptor 7, Relaxin family peptide receptor 1, RXFP1, LGR7

Target/Specificity

LGR7 (NP_067647, 68 a.a. ~ 162 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

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

LGR7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

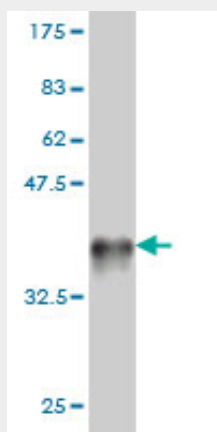
LGR7 Antibody (monoclonal) (M01) - Protocols

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

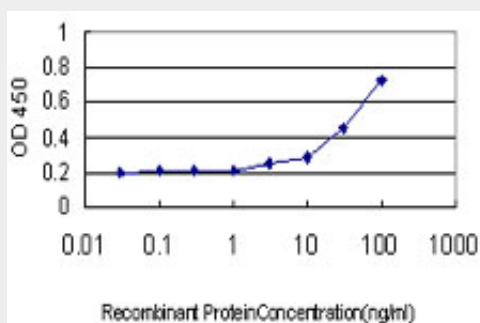
- [Western Blot](#)
- [Blocking Peptides](#)

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

LGR7 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.19 kDa) .



Detection limit for recombinant GST tagged LGR7 is approximately 3ng/ml as a capture antibody.

LGR7 Antibody (monoclonal) (M01) - References

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2. Relaxin regulates hyaluronan synthesis and aquaporins in the cervix of late pregnant mice. Soh YM, Tiwari A, Mahendroo M, Conrad KP, Parry LJ. *Endocrinology*. 2012 Dec;153(12):6054-64. doi: 10.1210/en.2012-1577. Epub 2012 Oct 19.
3. Effect of Relaxin on Human Sperm Functions and Fertilizing Ability. Ferlin A, Menegazzo M, Ganesello L, Selice R, Foresta C. *J Androl*. 2011 Sep 8.
4. Primate preimplantation embryo is a target for relaxin during early pregnancy. Vandevoort CA, Mtango NR, Latham KE, Stewart DR. *Fertil Steril*. 2011 Jul;96(1):203-7. Epub 2011 Jun 8.
5. Suppression of Relaxin Receptor RXFP1 Decreases Prostate Cancer Growth and Metastasis. Feng S, AgoulNIK I, Truong A, Li Z, Creighton CJ, Kaftanovskaya EM, Pereira R, Han HD, Lopez-Berestein G, Klonisch T, Ittmann M, Sood A, AgoulNIK A. *Endocr Relat Cancer*. 2010 Sep 24. [Epub ahead of print]
6. Decreased Expression of the Rat Myometrial Relaxin Receptor (RXFP1) in Late Pregnancy Is Partially Mediated by the Presence of the Conceptus. Vodstrcil LA, Shynlova O, Verlander JW, Wlodek ME, Parry LJ. *Biol Reprod*.

2010 Aug 4. [Epub ahead of print]7.Relaxin stimulates osteoclast differentiation and activation.Ferlin A, Pepe A, Faccioli A, Giancesello L, Foresta C.Bone. 2009 Oct 12. [Epub ahead of print]8.Characterization of relaxin receptor (RXFP1) desensitization and internalization in primary human decidual cells and RXFP1 transfected HEK293 cells.Kern A, Bryant-Greenwood GD.Endocrinology. 2009 May;150(5):2419-28. Epub 2008 Dec 30.