

**Oxytocin Receptor Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2508a

**Specification**

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**Oxytocin Receptor Antibody (internal region) - Product Information**

Application	FC, IHC
Primary Accession	<a href="#">P30559</a>
Other Accession	<a href="#">NP_000907.2</a> , <a href="#">5021</a> , <a href="#">18430 (mouse)</a> , <a href="#">25342 (rat)</a>
Predicted Host	Human
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	42772

**Oxytocin Receptor Antibody (internal region) - Additional Information**

**Gene ID** 5021

**Other Names**

Oxytocin receptor, OT-R, OXTR

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Oxytocin Receptor Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**Oxytocin Receptor Antibody (internal region) - Protein Information**

**Name** OXTR

**Function**

Receptor for oxytocin. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.

**Cellular Location**

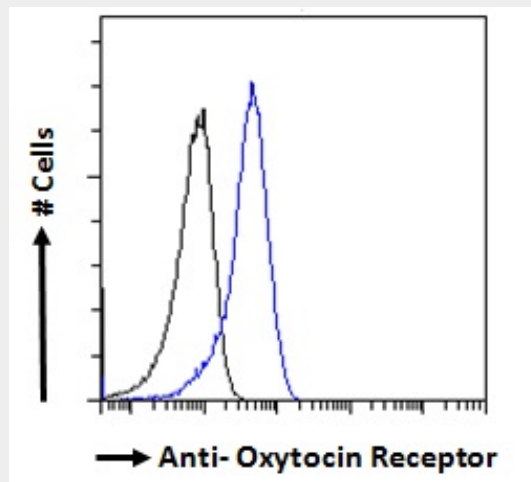
Cell membrane; Multi-pass membrane protein.

## Oxytocin Receptor Antibody (internal region) - 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](#)

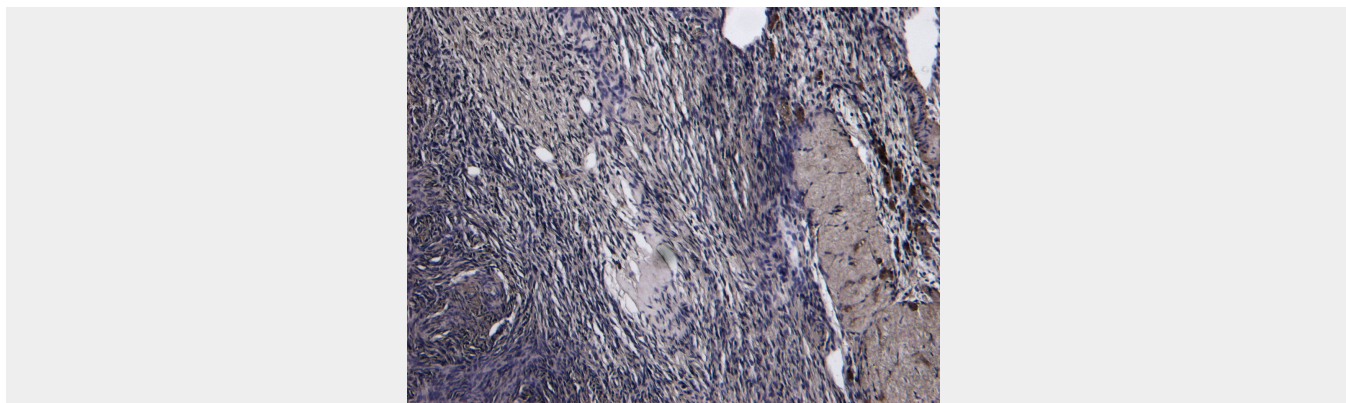
## Oxytocin Receptor Antibody (internal region) - Images



EB07183 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) f



EB07183 (8µg/ml) staining of paraffin embedded Human Ovary. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07183 Negative Control showing staining of paraffin embedded Human Ovary, with no primary antibody.

### **Oxytocin Receptor Antibody (internal region) - References**

Gonadal steroid modulation of stress-induced hypothalamo-pituitary-adrenal activity and anxiety behavior: role of central oxytocin. Windle RJ, Gamble LE, Kershaw YM, Wood SA, Lightman SL, Ingram CD. *Endocrinology*. 2006 Jan 26; [Epub ahead of print] PMID: 16439458