

# PAR1 Monoclonal Antibody (ATAP2)

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Non-human primate, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	ATAP2
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to the N-terminal region of the human thrombin receptor PAR1.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533198

Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Immunocytochemistry (ICC/IF)	Assay-dependent	-
Flow Cytometry (Flow)	Assay-dependent	1 Publication
ELISA (ELISA)	Assay-dependent	-
Neutralization (Neu)	-	3 Publications
Blocking Assay (BLOCK)	-	1 Publication
Miscellaneous PubMed (Misc)	-	1 Publication

## 8 References

### Western Blot (1)

Experimental cell research

#### Activated protein C promotes breast cancer cell migration through interactions with EPCR and PAR-1.

"35-2200 was used in blocking or activating experiment to examine the role of activated protein C in cell chemotaxis and invasion"

Authors: Beaulieu LM,Church FC

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2007

### Immunohistochemistry (Paraffin) (1)

Oral diseases

#### Expression of protease-activated receptor-1 and -2 in orofacial granulomatosis.

"35-2200 was used in immunohistochemistry - paraffin section to determine the expression of PAR-1, PAR-2, MMP-2, MMP-9, COX-1, and COX-2 in patients with orofacial granulomatosis"

Authors: Katabchi S,Massi D,Ficarra G,Rubino I,Franchi A,Paglierani M,Simoni A,Capodiferro S,Favia G,Maiorano E,Tarantini F,Cirino G,Santucci M

**Species**  
Not Applicable

**Dilution**  
1:50

**Year**  
2007

### Flow Cytometry (1)

The Journal of biological chemistry

#### Thrombin responses in human endothelial cells. Contributions from receptors other than PAR1 include the transactivation of PAR2 by thrombin-cleaved PAR1.

Authors: O'Brien PJ,Prevost N,Molino M,Hollinger MK,Woolkalis MJ,Woulfe DS,Brass LF

**Species**  
Human  
Non-human primate

**Dilution**  
Not Cited  
Not Cited

**Year**  
2000

### Neutralization (3)

Experimental cell research

#### Activated protein C enhances cell motility of endothelial cells and MDA-MB-231 breast cancer cells by intracellular signal transduction.

"35-2200 was used in blocking or activating experiment to elucidate the mechanism by which APC promotes angiogenesis and breast cancer invasion"

Authors: Gramling MW,Beaulieu LM,Church FC

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2010

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### More applications with references on thermofisher.com

**BLOCK (1)**

**Misc (1)**

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