

Product datasheet

Anti-PAR2 antibody [SAM11] ab184673

★★★★★ [1 Abreviews](#) [8 References](#) [2 Images](#)

Overview

Product name	Anti-PAR2 antibody [SAM11]
Description	Mouse monoclonal [SAM11] to PAR2
Host species	Mouse
Tested applications	Suitable for: IHC-Fr, WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Full length protein corresponding to Human PAR2. Database link: P55085
Epitope	ab184673 was mapped to amino acids 37 - 50.
Positive control	Human heart tissue; Mouse 3T3 cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Constituent: 100% PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	SAM11
Isotype	IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab184673 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration.
WB		1/1000 - 1/2000. Predicted molecular weight: 44 kDa.
IHC-P	★★★★★ (1)	1/100.

Target

Function

Receptor for trypsin and trypsin-like enzymes coupled to G proteins that stimulate phosphoinositide hydrolysis. May have a role in the regulation of vascular tone.

Tissue specificity

Widely expressed in tissues with especially high levels in pancreas, liver, kidney, small intestine, and colon. Moderate expression is detected in many organs, but none in brain or skeletal muscle.

Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

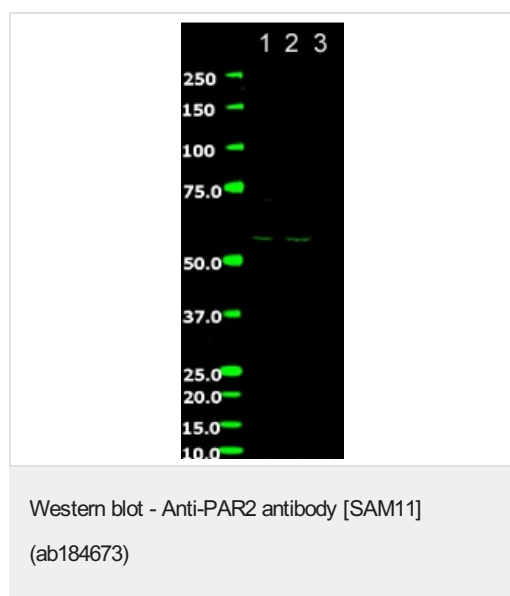
Post-translational modifications

A proteolytic cleavage generates a new N-terminus that functions as a tethered ligand.

Cellular localization

Cell membrane.

Images



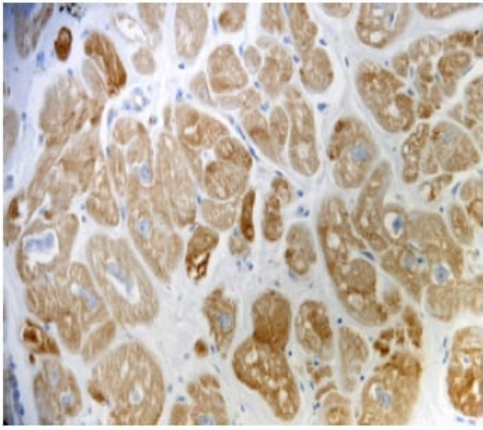
All lanes : Anti-PAR2 antibody [SAM11] (ab184673) at 1/1000 dilution

Lane 1 : Mouse 3T3 cell lysate at 10 μ g

Lane 2 : Mouse 3T3 cell lysate at 20 μ g

Lane 3 : BSA control

Predicted band size: 44 kDa



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human heart tissue labeling PAR2 with ab184673 at 10µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAR2 antibody [SAM11] (ab184673)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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