

Recombinant

DGRmAb®

PAR2 (DGR14177) Rabbit mAb (PBS Only)

db15398-PBS

Package : 10µg 100µg

Product Name : PAR2 (DGR14177) Rabbit mAb (PBS Only)**Cat.No.:** db15398-PBS**Synonyms** : PAR2; GPR11**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the G-protein coupled receptor 1 family of proteins. The encoded cell surface receptor is activated through proteolytic cleavage of its extracellular amino terminus, resulting in a new amino terminus that acts as a tethered ligand that binds to an extracellular loop domain. Activation of the receptor has been shown to stimulate vascular smooth muscle relaxation, dilate blood vessels, increase blood flow, and lower blood pressure. This protein is also important in the inflammatory response, as well as innate and adaptive immunity. [provided by RefSeq, Jun 2016]

Immunogen

A synthetic peptide of human PAR2

Gene ID

2150, 14063, 116677

Swiss Prot

P55085, P55086, Q63645

Synonyms

PAR2; GPR11

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Calculated MW

44 kDa

Observed MW

55 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14177

Isotype

IgG

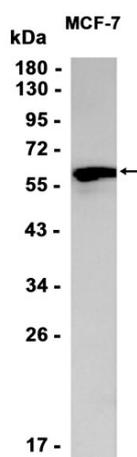
Purity

Affinity Purification

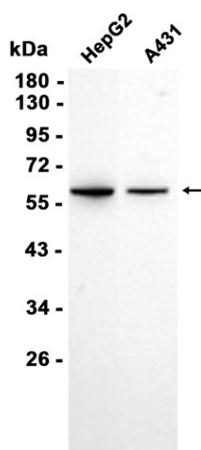
Conjugation

Un-conjugated

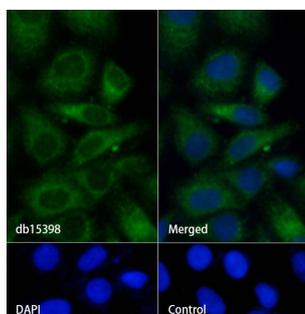
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from MCF-7 cells using [db15398](#) at 1:1000.



Western blot analysis of extracts from HepG2, A431 cells using [db15398](#) at 1:1000.



Immunofluorescence analysis of HepG2 cells labelling PAR2 with [db15398](#).

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with [db15398](#) (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 ([db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.