

Product Datasheet

PAR2 Antibody (orb1906377)

Description

PAR2 Antibody

Species/Host

Human

Reactivity

Human, Mouse, Primate, Rat

Conjugation

Unconjugated

Tested

ELISA

Applications

Immunogen

The original antibody was generated using phage display techniques to pan for antibodies (Fab fragments) capable of immunospecifically binding to residues spanning the protease cleavage site at the N-terminal of PAR-2. The affinity maturation of the selected parental clone Ab3777 resulted in generation of the antibody.

Target

PAR2

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

This antibody was generated by the affinity maturation of a parental clone Ab3777. This antibody exhibited concentration-dependent binding to human PAR-2 transfected HEK293 cells with EC50 values of 0.2 nM. ELISA experiments demonstrated specific binding of this antibody to PAR-2 peptide (coupled to Transferrin as carrier). This antibody did not show any binding affinity for PAR-4 peptide or PAR-1 peptide. This antibody showed potent inhibition of calcium release in the human lung epithelial cell line A549 stimulated with trypsin similar to the parental clone Ab3777. (US20110311553).

Isotype

IgG4

Clonality

Monoclonal

Uniprot ID

P55085

Expiration Date

12 months from date of receipt.