

Recombinant

DGRmAb®

Epac1 (DGR13117) Rabbit mAb (PBS Only)

db11196-PBS

Package : 10µg 100µg

Product Name : Epac1 (DGR13117) Rabbit mAb (PBS Only)**Cat.No.:** db11196-PBS**Synonyms** : EPAC; EPAC1; bcm910; HSU79275; CAMP-GEFI**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Guanine nucleotide exchange factor (GEF) for RAP1A and RAP2A small GTPases that is activated by binding cAMP. Through simultaneous binding of PDE3B to RAPGEF3 and PIK3R6 is assembled in a signaling complex in which it activates the PI3K gamma complex and which is involved in angiogenesis. Plays a role in the modulation of the cAMP-induced dynamic control of endothelial barrier function through a pathway that is independent on Rho-mediated signaling. Required for the actin rearrangement at cell-cell junctions, such as stress fibers and junctional actin.

Immunogen

A synthetic peptide of human Epac1

Gene ID

10411

Swiss Prot

O95398

Synonyms

EPAC; EPAC1; bcm910; HSU79275; CAMP-GEFI

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Calculated MW

104 kDa

Observed MW

104 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13117

Isotype

IgG

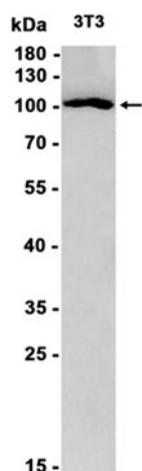
Purity

Affinity Purification

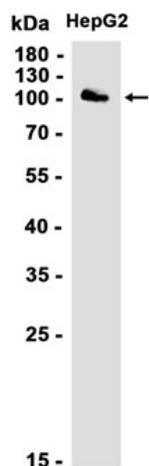
Conjugation

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 3T3 cells using [db11196](#) at 1:1000.



Western blot analysis of extracts from HepG2 cells using [db11196](#) at 1:1000.