Recombinant DGRmAb®

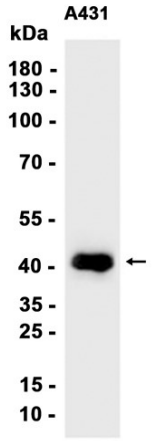
MEK1 (DGR31673) Rabbit mAb (PBS Only)

db13663-PBS **Package : 10μg 100μg**

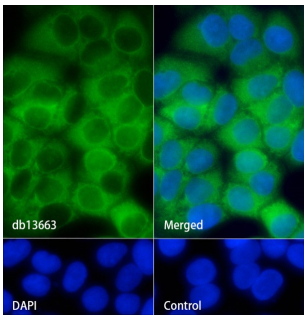
Product Name : MEK1 (DGR31673) Rabbit mAb (PBS Only)
Cat.No.: db13663-PBS
Synonyms : MEL; CFC3; MEK1; MKK1; MAPKK1; PRKMK1
Application : WB, IHC, ICC/IF, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human MEK1
Gene ID	5604
Swiss Prot	Q02750
Synonyms	MEL; CFC3; MEK1; MKK1; MAPKK1; PRKMK1
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC
Calculated MW	43 kDa
Observed MW	43 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR31673
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 A431 cells using db13663 at 1:1000.



Immunofluorescence analysis of MCF-7 cells labelling MEK1 with db13663.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 db13663 (1:200) 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.