Recombinant DGRmAb®

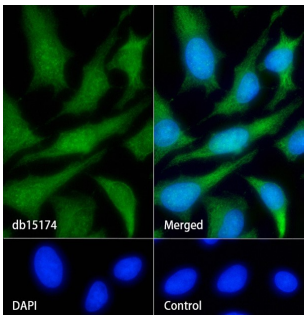
Eph receptor B3 (DGR14985) Rabbit mAb

db15174 **Package : 10μL 20μL 50μL 100μL**

Product Name : Eph receptor B3 (DGR14985) Rabbit mAb
Cat.No.: db15174
Synonyms : EK2; ETK2; HEK2; TYRO6
Application : WB, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into two groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. This gene encodes a receptor for ephrin-B family members. [provided by RefSeq, Mar 2010]
Immunogen	A synthetic peptide of human Eph receptor B3
Gene ID	2049
Swiss Prot	P54753
Synonyms	EK2; ETK2; HEK2; TYRO6
Reactivity	Human,Mouse,Rat
Application	WB, ICC/IF
Recommended dilution	WB: 1:1000 ICC/IF: 1:50
Calculated MW	110 kDa
Observed MW	110 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14985

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling Eph receptor B3 with db15174.

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 db15174 (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.