

Recombinant

DGRmAb®

TrkB (DGR14736) Rabbit mAb

db14636

Package : 10µL 20µL 50µL 100µL

Product Name : TrkB (DGR14736) Rabbit mAb**Cat.No.:** db14636**Synonyms** : Tkrb; trkB; trk-B; GP145-TrkB/GP95-TrkB**Application** : WB, IHC-P, ICC/IF, IP**Reactivity** : Mouse,Rat**Host species** : Rabbit**Background**

Receptor tyrosine kinase involved in the development and the maturation of the central and the peripheral nervous systems through regulation of neuron survival, proliferation, migration, differentiation, and synapse formation and plasticity. Receptor for BDNF/brain-derived neurotrophic factor and NTF4/neurotrophin-4. Alternatively can also bind NTF3/neurotrophin-3 which is less efficient in activating the receptor but regulates neuron survival through NTRK2.

Immunogen

Recombinant protein of mouse TrkB

Gene ID

18212

Swiss Prot

P15209

Synonyms

Tkrb; trkB; trk-B; GP145-TrkB/GP95-TrkB

Reactivity

Mouse,Rat

Application

WB, IHC-P, ICC/IF, IP

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:1000

ICC/IF: 1:50

IP: 1:50

Calculated MW

92 kDa

Observed MW

90-140 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14736

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. |
| □ | Western blot detection of TrkB in mouse brain,Rat brain cell lysates using TrkB antibody(1:1000 diluted). |