Recombinant DGRmAb®

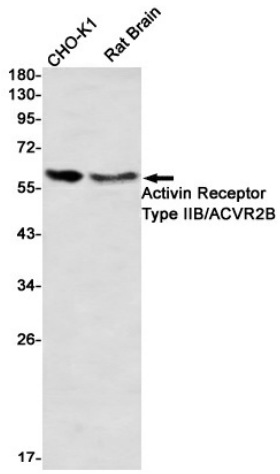
Activin Receptor Type IIB (DGR31436) Rabbit mAb

db12436 **Package : 10μL 20μL 50μL 100μL**

Product Name : Activin Receptor Type IIB (DGR31436) Rabbit mAb
Cat.No.: db12436
Synonyms : HTX4; ACTRIIB; ActR-IIB
Application : WB, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	Activins are dimeric growth and differentiation factors which belong to the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I (I and IB) and two type II (II and IIB) receptors. These receptors are all transmembrane proteins, composed of a ligand-binding extracellular domain with cysteine-rich region, a transmembrane domain, and a cytoplasmic domain with predicted serine/threonine specificity. Type I receptors are essential for signaling; and type II receptors are required for binding ligands and for expression of type I receptors. Type I and II receptors form a stable complex after ligand binding, resulting in phosphorylation of type I receptors by type II receptors. Type II receptors are considered to be constitutively active kinases. This gene encodes activin A type IIB receptor, which displays a 3- to 4-fold higher affinity for the ligand than activin A type II receptor. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human Activin Receptor Type IIB/ACVR2B
Gene ID	93
Swiss Prot	Q13705
Synonyms	HTX4; ACTRIIB; ActR-IIB
Reactivity	Human,Mouse,Rat
Application	WB, IP
Recommended dilution	WB: 1:1000-1:5000 IP: 1:20
Calculated MW	58 kDa
Observed MW	58 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR31436
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 Activin Receptor Type IIB/ACVR2B in CHO-K1,mouse Brain using Activin Receptor Type IIB/ACVR2B antibody(1:1000 diluted)