







Aurora B (DGR13156) Rabbit mAb

db11909 Package : 10μL 20μL 50μL 100μL

Product Name: Aurora B (DGR13156) Rabbit mAb

Cat.No.: db11909

Synonyms: AIK2; AIM1; ARK2; AurB; IPL1; STK5; AIM-1; ARK-2; STK-1; STK12; PPP1R48; aurkb-sv1; aurkb-sv2

Application: WB, IHC-P, ICC/IF, FC, IP

Reactivity : Human

Host species : Rabbit

Background This gene encodes a member of the aurora kinase subfamily of serine/threonine kinases. The

genes encoding the other two members of this subfamily are located on chromosomes 19 and 20. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules. A pseudogene of this gene is located on chromosome 8. Alternatively spliced transcript variants have been found for this gene. [provided

by RefSeq, Sep 2015]

Immunogen A synthetic peptide of human Aurora B

Gene ID 9212

Swiss Prot Q96GD4

Synonyms AIK2; AIM1; ARK2; AurB; IPL1; STK5; AIM-1; ARK-2; STK-1; STK12; PPP1R48; aurkb-sv1; aurkb-

sv2

Reactivity Human

Application WB, IHC-P, ICC/IF, FC, IP

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:20

FC: 1:200-1:500

IP: 1:20

Calculated MW 39 kDa

Observed MW 39 kDa

Host species Rabbit

Clonality Monoclonal





Clonality No. DGR13156

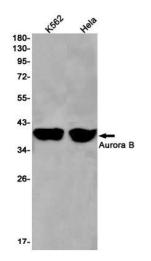
Isotype IgG

Purity Affinity Purification

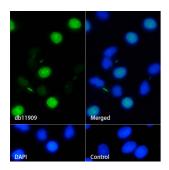
Conjugation Un-conjugated

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 Aurora B in K562, Hela cell lysates using Aurora B antibody (1:1000 diluted).



Immunofluorescence analysis of HeLa cells labelling Aurora B with db11909.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), 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 db11909 (1:20) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.