

Recombinant

DGRmAb®

Aurora B (DGR13156) Rabbit mAb (PBS Only)

db11909-PBS

Package : 10µg 100µg

Product Name : Aurora B (DGR13156) Rabbit mAb (PBS Only)**Cat.No.:** db11909-PBS**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

Calculated MW

39 kDa

Observed MW

39 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13156

Isotype

IgG

Purity

Affinity Purification

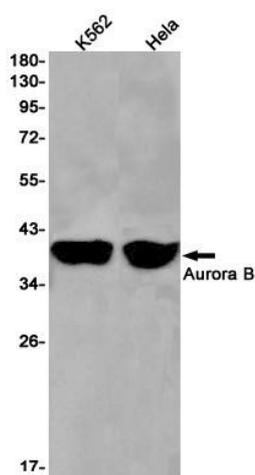
Conjugation

Un-conjugated

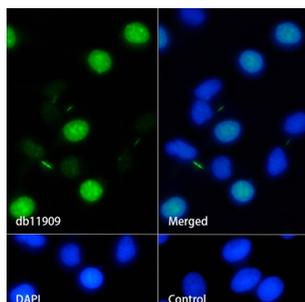
Concentration 1 mg/mL

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 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 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.