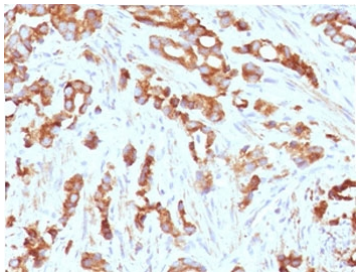
AURKB Antibody / Aurora B [clone ARRK2-1] (V3927)

Catalog No.	Formulation	Size
V3927-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3927-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3927SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human. Other species not tested.
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	ARRK2-1
Purity	Protein G affinity
UniProt	Q96GD4
Localization	Nuclear, cytoplasmic
Applications	IHC (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This AURKB antibody is available for research use only.



IHC testing of FFPE human prostate tissue with AURKB antibody (clone ARRK2-1). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

Description

Aurora B is a serine/threonine-protein kinase component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Involved in the bipolar attachment of spindle microtubules to kinetochores and is a key regulator for the onset of cytokinesis during mitosis. Required for central/midzone spindle assembly and cleavage furrow formation. [UniProt]

Application Notes

Optimal dilution of the AURKB antibody should be determined by the researcher.

Immunogen

Amino acids 89-251 were used as the immunogen for this AURKB antibody.

Storage

Store the AURKB antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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