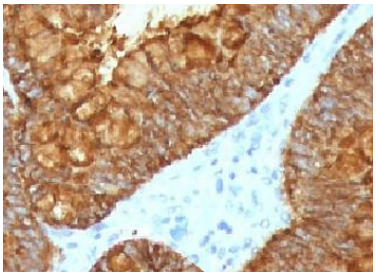
Recombinant AURKB Antibody / Aurora B [clone ARRK2-2R] (V7296)

Catalog No.	Formulation	Size
V7296-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7296-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7296SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7296IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human. Other species not tested.
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	ARRK2-2R
Purity	Protein A affinity
UniProt	Q96GD4
Localization	Nuclear, cytoplasmic
Applications	IHC (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
Limitations	This recombinant AURKB antibody is available for research use only.



IHC testing of FFPE human colon tissue with recombinant AURKB antibody (clone ARRK2-2R). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

Description

Recognizes a protein of 39kDa, which is identified as Aurora B. The serine/threonine protein kinase aurora B (Aurora B) is a chromosomal passenger protein critical for accurate chromosome segregation, cytokinesis, protein localization to the centromere and kinetochore, correct microtubule-kinetochore attachment, and regulation of the mitotic checkpoint. Aurora B forms a tight complex with inner centrosome protein and survivin. Inactivation of any of these proteins causes similar defects in chromosome segregation. A significant overexpression of Aurora B has been found in a variety of human tumors including non-small cell lung carcinoma, astrocytoma, seminoma and carcinomas of the colon, prostate, endometrium and thyroid. The expression level of Aurora B is associated with cell proliferation and prognosis in these tumors.

Application Notes

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

Immunogen

A portion of amino acids 89-251 was used as the immunogen for this recombinant AURKB antibody.

Storage

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

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