

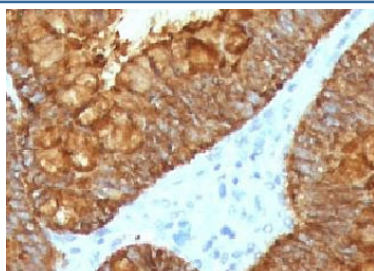
Recombinant AURKB Antibody / Aurora B [clone ARRK2-2R] (V7296)

| 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 |
| 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 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).