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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Aurora B Antibody (PSer227)

Rabbit Anti-Human Aurora B (pSer227) Polyclonal
Catalog No. SPC-920



Discovery through partnership | Excellence through quality

Overview

Product Name

Aurora B Antibody (pSer227)

Description

Rabbit Anti-Human Aurora B (pSer227) Polyclonal

Species Reactivity

Human

Applications

WB, AM

Antibody Dilution

WB (1:250); optimal dilutions for assays should be determined by the user.

Host Species

Rabbit

Immunogen Species

Human

Immunogen

A phospho-specific peptide corresponding to residues surrounding Ser227 of human Aurora B (AA222-228)

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Properties

Storage Buffer

PBS pH7.4, 50% glycerol, 0.025% Thimerosal

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Peptide Affinity Purified

Clonality

Polyclonal

Specificity

Detects 39.28 kDa.

Cite This Product

Rabbit Anti-Human Aurora B (pSer227) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-920)

Certificate Of Analysis

A 1:250 dilution of SPC-920 was sufficient for detection of Aurora B (pSer227) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

AIK2 Antibody, ARK2 Antibody, Aurora related Kinase 2 Antibody, IPL1 Antibody, STK1 Antibody, Aurora 1 Antibody

Cellular Localization

Cytoplasm, Cytoskeleton, Nucleus

Accession Number

NP_004208

Gene ID

9212

Swiss Prot

Q96GD4

Scientific Background

Aurora B is part of the larger AURA family of serine/threonine kinases and is a key regulator of mitotic cell division. It is involved in regulating microtubule formation and the assembly of the mitotic spindle responsible for chromosome segregation during mitosis. AURA activity is cell cycle dependent with the greatest activity occurring during mitosis. The overexpression of AURA has been well documented in many malignant cancers including breast, ovarian, colon, prostate and neuroblastomas. Overexpression of AURA appears to override checkpoints in cell cycle progression leading to increased cell division and proliferation.

Product Images

Currently there are no images for this product

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.