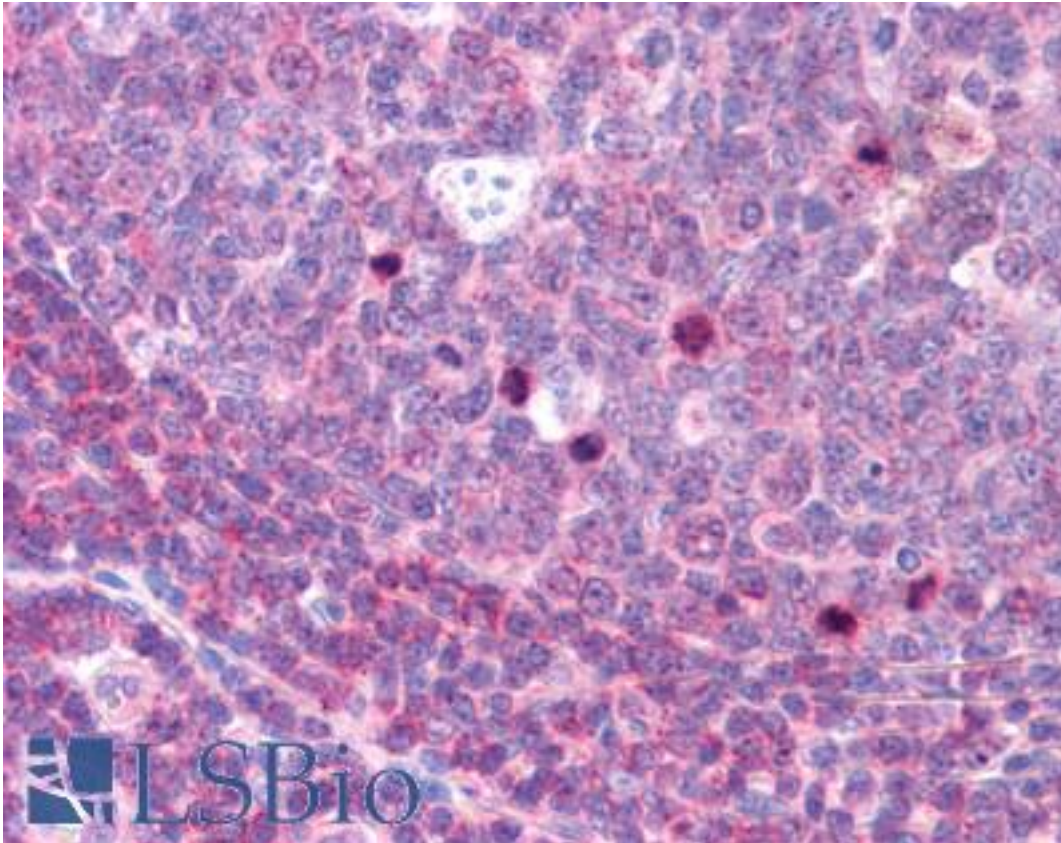


AURKB / Aurora-B Rabbit anti-Human Polyclonal (pThr232) Antibody - LS-B22 - LSBio

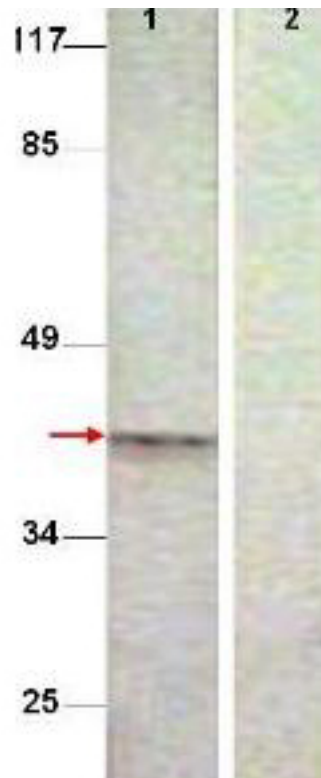
CatalogID:	LS-B22
Validation:	This antibody replaces catalog number LS-C18931. It has been validated for use in the following assays: IHC.
Target:	aurora kinase B (AURKB)
Synonyms:	AURKB Antibody, AIRK2 Antibody, AIK2 Antibody, Aurora kinase B Antibody, Aurora kinase B-Sv1 Antibody, Aurora-related kinase 2 Antibody, Aurora/IPL1-related kinase 2 Antibody, ARK-2 Antibody, ARK2 Antibody, Aurkb-sv1 Antibody, Aurkb-sv2 Antibody, Aurora 1 Antibody, Aurora-B Antibody, AIM-1 Antibody, IPL1 Antibody, STK-1 Antibody, STK5 Antibody, PPP1R48 Antibody, AurB Antibody, Aurora B Antibody, Aurora kinase B-Sv2 Antibody, Aurora-1 Antibody, Aurora1 Antibody, Serine/threonine kinase 12 Antibody, STK1 Antibody, STK12 Antibody
Family / Subfamily:	Protein Kinase / Aurora/IPL1-like
Host	AURKB antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	AURKB / Aurora-B antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	AURKB / Aurora-B antibody was raised against synthetic peptide from human AURKB / Aurora-B.
Specificity:	aa 223-234 of Human Aurora Kinase B protein.
Epitope:	pThr232
Reactivity:	Human
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B22 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B22 was determined to be 2.5 µg/ml.
Uses:	IHC - Paraffin (2.5 µg/ml), Immunofluorescence, Western blot (1:250 - 1:2000), ELISA (1:10000 - 1:50000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-AURKB / Aurora-B antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B22 concentration 5 ug/ml.

Western Blot Image:



Anti-Aurora B pT232 antibody - Western Blot. Western Blot shows detection of Aurora B protein at 39 kD (predicted band size). All lanes: Aurora B (phospho T232) antibody diluted 1:500. Lane 1: Extract from COS7 cells treated with Nocodazole (1 ug/ml, 16 hrs). Lane 2: Extract from COS7 cells treated with Nocodazole (1 ug/ml, 16 hrs) and with the phosphopeptide immunogen.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

© 2014 LifeSpan BioSciences