

Anti-Plx [AZ24]

Catalogue number: 151298

Sub-type: Primary antibody

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Plx [AZ24]

Alternate name: Polo Like Kinase 1; Serine/Threonine-Protein Kinase 13; EC 2.7.11.21; STPK13; PLK-1; Cell Cycle Regulated Protein Kinase; Polo Like Kinase; EC 2.7.11

Class: Monoclonal

Conjugate: Unconjugated

Description: Polo-like kinase (Plx) is a mitotic regulator conserved from yeasts to humans. Many key cell cycle regulators such as p53, cdc25, cyclin B and the Anaphase Promoting Complex are directly targeted by Plx.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Human ; Mouse ; Xenopus laevis

Selectivity:

Host: Mouse

Immunogen: Baculo expressed Polo Kinase from Xenopus laevis

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Hela cells

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Polo-like-kinase protein (Plk)

Target alternate names:

Target background: Polo-like kinase (Plx) is a mitotic regulator conserved from yeasts to humans. Many key cell cycle regulators such as p53, cdc25, cyclin B and the Anaphase Promoting Complex are directly targeted by Plx.

Molecular weight: 68 kDa

Ic50:

Applications

Application: ELISA ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

CancerTools.org

References: Dawson et al. 2019. JCI Insight. 4(6):. PMID: 30753169. ; Durgeau et al. 2018. Nat Commun. 9(1):5097. PMID: 30504837. ; Dirk et al. 2016. Sci Rep. 6:37021. PMID: 27841315. ; Huang et al. 2016 Scientific Reports. ; Nayak et al. 2016. Am J Transplant. 16(8):2300-11. PMID: 27062199. ; Donor-Derived Exosomes With Lung Self-Antigens in Human Lung Allograft Rejection. ; Gunasekaran et al. 2016. Am J Transplant. :. PMID: 27278097. ; Long-Term Persistence of Donor Alveolar Macrophages in Human Lung Transplant Recipients That Influences Donor-Specific Immune Responses. ; Reches et al. 2016. J Immunol. :. PMID: 27194785. ; HNRNPR Regulates the Expression of Classical and Nonclassical MHC Class I Proteins. ; Chawla et al. 2016. Cancer Immunol Immunother. :. PMID: 27129972. ; Neutrophil elastase enhances antigen presentation by upregulating human leukocyte antigen class I expression on tumor cells. ; Srivastava et al. 2016. J Virol. 90(8):3913-28. PMID: 26842468. ; Nayak et al. 2016. Am J Transplant. :. PMID: 27062199. ; MacDonald et al. 2016. J Clin Invest. 126(4):1413-24. PMID: 26999600. ; MacDonald et al. 2016. J Clin Invest. 126(4):1413-24. PMID: 26999600. ; The Herpes Simplex Virus Latency-Associated Transcript Gene Is Associated with a Broader Repertoire of Virus-Specific Exhausted CD8+ T Cells Retained within the Trigeminal Ganglia of Latently Infected HLA Transgenic Rabbits. ; Lasso et al. 2016. PLoS One. 11(3):e0150996. PMID: 26974162. ; Alloantigen-specific regulatory T cells generated with a chimeric antigen receptor. ; Promiscuous Recognition of a Trypanosoma cruzi CD8+ T Cell Epitope among HLA-A2, HLA-A24 and HLA-A1 Supertypes in Chagasic Patients. ; Lasso et al. 2016. Peptides. 78:68-76. PMID: 26854383. ; Effect of secondary anchor amino acid substitutions on the immunogenic properties of an HLA-A*0201-restricted T cell epitope derived from the Trypanosoma cruzi KMP-11 protein. ; Srivastava et al. 2016. J Virol. :. PMID: 26842468. ; Ma et al. 2016. J Immunol. :. PMID: 26792804. ; Long-Peptide Cross-Presentation by Human Dendritic Cells Occurs in Vacuoles by Peptide Exchange on Nascent MHC Class I Molecules. ; Mahiti et al. 2016. MBio. 7(1):. PMID: 26787826. ; Relative Resistance of HLA-B to Downregulation by Naturally Occurring HIV-1 Nef Sequences. ; Horiuchi et al. 2015. Oncol Rep. :. PMID: 26398429. ; Targeting cryptic epitope with modified antigen coupled to the surface of liposomes induces strong antitumor CD8 T-cell immune responses invivo. ; Dellgren et al. 2015. PLoS One. 10(8):e0135385. PMID: 26258424. ; Cell surface expression level variation between two common Human Leukocyte Antigen alleles, HLA-A2 and HLA-B8, is dependent on the structure of the C terminal part of the alpha 2 and the alpha 3 domains. ; Therapeutic immunization with a mixture of herpes simplex virus 1 glycoprotein D-derived

asymptomatic human CD8+ T-cell epitopes decreases spontaneous ocular shedding in latently infected HLA transgenic rabbits: association with low frequency of local P ; Rancan et al. 2015. PLoS Pathog. 11(6):e1004906. PMID: 26067064. ; Latent Membrane Protein LMP2A Impairs Recognition of EBV-Infected Cells by CD8+ T Cells. ; Egui et al. 2015. PLoS One. 10(3):e0122115. PMID: 25816096. ; Khan et al. 2015. J Virol. :. PMID: 25878105. ; Noy et al. 2015. Mol Cancer Ther. :. PMID: 25852061. ; Recruitment of Oligoclonal Viral-Specific T cells to Kill Human Tumor Cells Using Single-Chain Antibody-Peptide-HLA Fusion Molecules. ; Differential phenotypic and Fn profiles of TcCA-2 -specific cytotoxic CD8+ T cells in the asymptomatic versus cardiac phase in Chagasic patients. ; Cheent et al. 2013. Proc Natl Acad Sci U S A. 110(42):16981-6. PMID: 24082146. ; Synergistic inhibition of natural killer cells by the nonsignaling molecule CD94. ; Whitfield-Larry et al. 2011. Diabetes. 60(6):1726-33. PMID: 21521873. ; HLA-A2-matched peripheral blood mononuclear cells from type 1 diabetic patients, but not nondiabetic donors, transfer insulinitis to NOD-scid/?c(null)/HLA-A2 transgenic mice concurrent with the expansion of islet-specific CD8+ T cells. ; Parham et al. 1981. Hum Immunol. 3(4):277-99. PMID: 7035415. ; Partial purification and some properties of BB7.2. A cytotoxic monoclonal antibody with specificity for HLA-A2 and a variant of HLA-A28. ; Brodsky et al. 1979. Immunol Rev. 47:3-61. PMID: 95015. ; Monoclonal antibodies for analysis of the HLA system.

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