

DESCRIPTION

Species Reactivity	Human
Specificity	Detects recombinant human CDK-6 protein in Direct ELISA.
Source	Monoclonal Mouse IgG _{2B} Clone # 1092920
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human CDK-6 Met1-Ala326 Accession # Q00534
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Cell division protein kinase 6 (CDK6) is an enzyme that is regulated by Cyclin D proteins and Cyclin-dependent kinase inhibitor proteins. CDK6 plays an important role in hematopoiesis and loss of CDK6 causes mild anemia, thymic atrophy and delayed G1 progression in lymphocytes. Overexpression of CDK6 has been reported in T-cell lymphoblastic lymphoma and leukemia and in all B-lymphoid malignancies.

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