



Product Information Sheet

Monoclonal Anti-CDK6 (Sepharose Bead Conjugate)

Catalogue No. MA1021-S

Lot No. 08A12

Clone: IML-6

Ig type: mouse IgG1

Size: 200µl

Specificity

Human, mouse, rat.

No cross reactivity with other proteins.

Recommended application

Immunoprecipitation(IP)

Immunogen

Recombinant human Cdk6 protein.

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

BACKGROUND

The cyclin-dependent protein kinases (CDKs) regulate major cell cycle transitions in eukaryotic cells. Cyclin-dependent kinase-6 (CDK6) is the earliest inducible member of the CDK family in human T lymphocytes, involved in growth factor stimulation and cell cycle progression. germline mutations in CDK6 do not make a significant contribution to melanoma predisposition. CDK6 gene is mapped at 7q21-q22.

REFERENCE

1. Chilosi, M.; Doglioni, C.; Yan, Z.; Lestani, M.; Menestrina, F.; Sorio, C.; Benedetti, A.; Vinante, F.; Pizzolo, G.; Inghirami, G. : Differential expression of cyclin-dependent kinase 6 in cortical thymocytes and T-cell lymphoblastic lymphoma/leukemia. *Am. J. Path.* 152: 209-217, 1998.
2. Shennan, M. G.; Badin, A.-C.; Walsh, S.; Summers, A.; From, L.; McKenzie, M.; Goldstein, A. M.; Tucker, M. A.; Hogg, D.; Lassam, N. : Lack of germline CDK6 mutations in familial melanoma. *Oncogene* 19: 1849-1852, 2000.
3. Lien, H.-C.; Lin, C.-W.; Huang, P.-H.; Chang, M.-L.; Hsu, S.-M. : Expression of cyclin-dependent kinase 6 (cdk6) and frequent loss of CD44 in nasal-nasopharyngeal NK/T-cell lymphomas: comparison with CD56-negative peripheral T-cell lymphomas. *Lab. Invest.* 80: 893-900, 2000.

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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com