

Anti-CDK6 Antibody (Monoclonal, DCS-90)

Catalog # ABO10416

Product Information

Application	WB, ICC
Primary Accession	F1MA87
Host	Mouse
Isotype	Mouse IgG1
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Format	Lyophilized
Description	Mouse IgG monoclonal antibody for CDK6, cyclin-dependent kinase 6 (CDK6) detection. Tested with WB, ICC in Human;mouse;rat. No cross reactivity with other proteins.
Reconstitution	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Additional Information

Calculated MW	36952 Da
Application Details	Immunocytochemistry , 1 μ g/ml, Human, mouse, rat, - Western blot, 0.5-1 μ g/ml, Human, mouse, rat
Subcellular Localization	CDK6: Cytoplasm. Nucleus. Cell projection, ruffle.Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Cdk6: Cytoplasm
Tissue Specificity	CDK6: Expressed ubiquitously. Accumulates insquamous cell carcinomas, proliferating hematopoietic progenitorcells, beta-cells of pancreatic islets of Langerhans, andneuroblastomas. Reduced levels in differentiating cells.
Protein Name	Cyclin-dependent kinase 6
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative.
Clone Names	DCS-90
Immunogen	Recombinant human Cdk6 protein.
Purification	Ascites
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase

family. CDC2/CDKX subfamily.

Protein Information

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.

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