

**Anti-CDK6 Antibody (Monoclonal, DCS-90)**  
**Catalog # ABO10416****Specification**

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**Anti-CDK6 Antibody (Monoclonal, DCS-90) - Product Information**

Application	WB, ICC
Primary Accession	<a href="#">F1MA87</a>
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.

**Anti-CDK6 Antibody (Monoclonal, DCS-90) - Additional Information****Calculated MW**

36952 MW KDa

**Application Details**

Immunocytochemistry , 1 µg/ml, Human, mouse, rat, -<br>Western blot, 0.5-1 µg/ml, Human, mouse, rat<br>

**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 NaN3 as preservative.

**Immunogen**

Recombinant human Cdk6 protein.

**Purification**

Ascites

**Cross Reactivity**

No cross reactivity with other proteins

**Storage**

**At -20°C for one year. After reconstitution, 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.

**Anti-CDK6 Antibody (Monoclonal, DCS-90) - Protein Information****Anti-CDK6 Antibody (Monoclonal, DCS-90) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CDK6 Antibody (Monoclonal, DCS-90) - Images****Anti-CDK6 Antibody (Monoclonal, DCS-90) - 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.