10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CDK6 Antibody (Monoclonal, DCS-90)

Catalog # ABO10416

Specification

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

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

Calculated MW
36952 MW KDa

Application Details
Immunocytochemistry , 1 µg/ml, Human, mouse, rat, -
Western blot, 0.5-1 µg/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 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 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.

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 Cytomety
- 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.