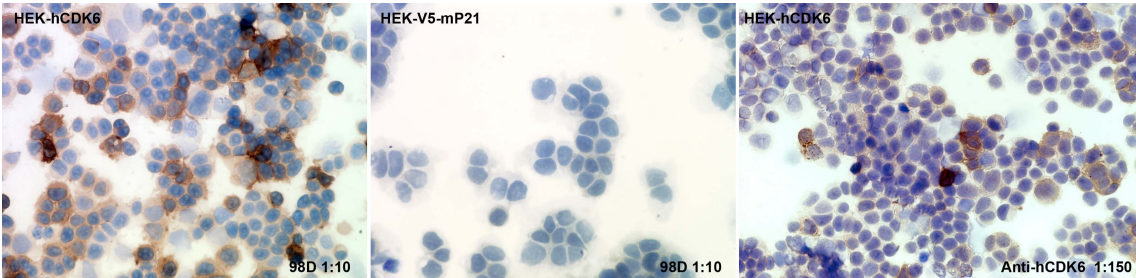


CDK6

CONTACT INFORMATION: Monoclonal Antibodies Unit. Centro Nacional de Investigaciones Oncológicas
STATUS: Validated
TYPE: mouse anti human
CLONE NAME: 98D
PROTEIN: Cyclin dependent kinase 6
PROTEIN WEB: <http://www.ncbi.nlm.nih.gov/protein/AAD43504.1>
ANTIGEN USED: His-mCDK6 recombinant protein (full length)
FUSION PARTNER: myeloma p3-NS1/Ag4-1 (NS1) cell
ISOTYPE: IgG1
SPECIES REACTIVITY: human and mouse
PREPARATION AND STORAGE: Aliquot and store at 4C. Do not freeze

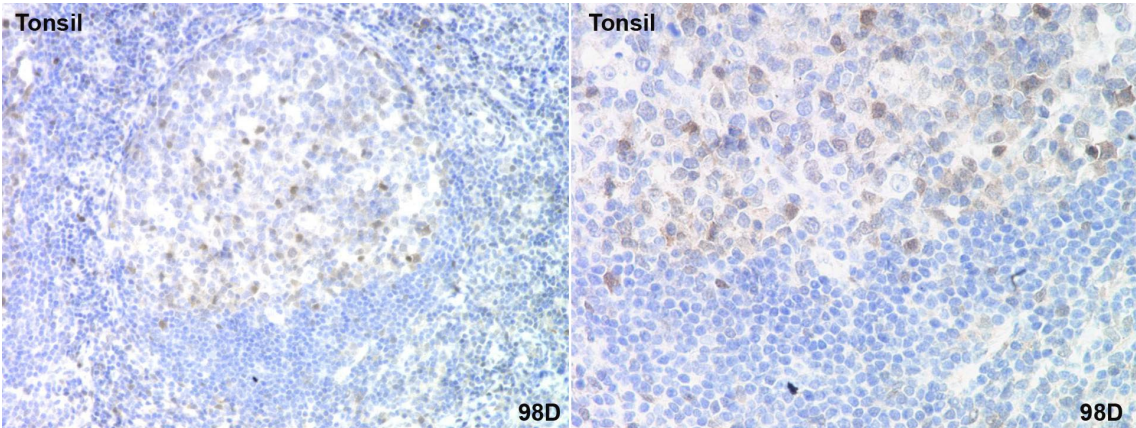
APPLICATIONS

| IHC Techniques | Clone | Dilution | Antibody concentration | Antigen retrieval method | Visualization kit | Positive control | Negative control | Protein localization | Positivity in other species |
|----------------------------|-------|----------|------------------------|--------------------------|-------------------|------------------|------------------|----------------------|-----------------------------|
| Frozen tissue and cytopins | | | | | | | | | |
| Paraffin tissue | | | | | | | | | |
| Recommended | 98D | 1:20 | neat supernatant | Tris-EDTA | Novolink kit | | | | mouse |
| Immunofluorescence | | | | | | | | | |



98D mAb in trasfected cells

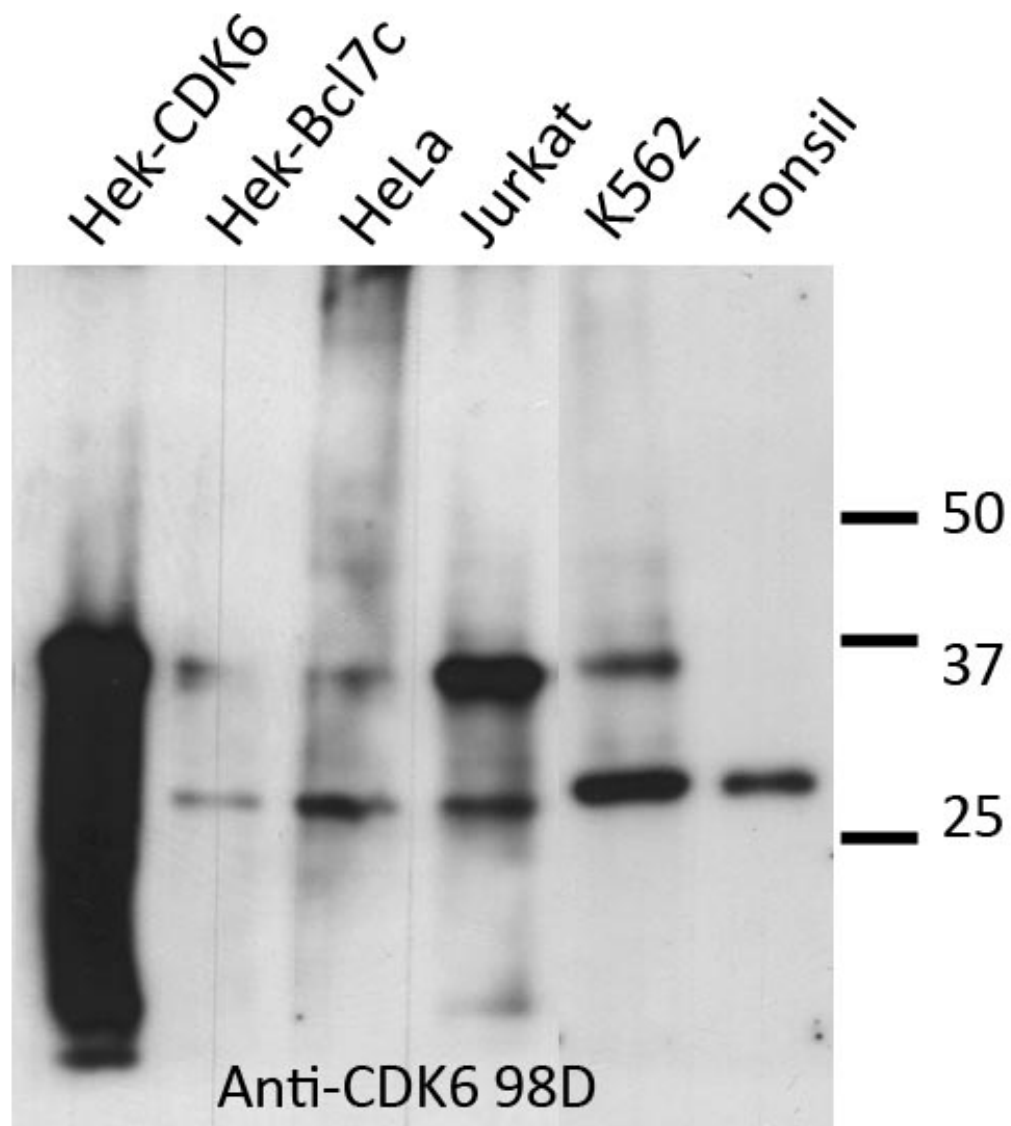
To confirm that 98D mAb recognized CDK6 protein, immunohistochemistry on frozen cytopspins preparations of V5-tagged human CDK6 expressed in Hek293T was performed. Cytopspin preparation of V5-tagged mouse p21 protein was used as a negative control. Labeling with the anti-hCDK6 mAb confirmed the efficiency of transfection.



98D antibody can be used to detect human CDK6 protein in paraffin embedded tissues.

| WB Techniques | Clone | Dilution | Antibody concentration | Positive control | Negative control | Expected MW | Observed Mw | Positivity in other species |
|------------------|-------|-----------|------------------------|------------------|------------------|-------------|-------------|-----------------------------|
| Western Blotting | | | | | | | | |
| Recommended | 98D | undiluted | supernatant | | | 37kDa | 37kDa | mouse |

Immunoprecipitation



Western Blotting of CDK6 (98D) using different human cell lines.

Lane 1 Hek-CDK6 (20ug)

Lane 2 Hek-BCL7c (20ug)

Lane 3 HeLa (200ug)

Lane 4 Jurkat (200ug)

Lane 5 K562 (200ug)

Lane 6 Tonsil (200ug)