P16

CONTACT INFORMATION: Monoclonal Antibodies Unit. Centro Nacional de Investigaciones Oncológicas

STATUS: Validated

TYPE: rat anti mouse CLONE NAME: PABLO33B

PROTEIN: cyclin-dependent kinase inhibitor 2A

ANTIGEN USED: HIS-GST-mp16 recombinant protein (full length protein)

FUSION PARTNER: myeloma p3-NS1/Ag4-1 (NS1) cells

ISOTYPE: IgG2a SPECIES REACTIVITY: mouse

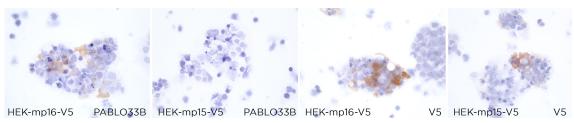
PREPARATION AND STORAGE: Aliquot and store at 4C. Do not freeze

REFERENCES

Therapeutic senescence via GPCR activation in synovial fibroblasts facilitates resolution of arthritis. Trinidad Montero-Melendez, Ai Nagano, Claude Chelala, Andrew Filer, Christopher D. Buckley and Mauro Perretti. Nature Communications volume 11, Article number: 745 (2020)

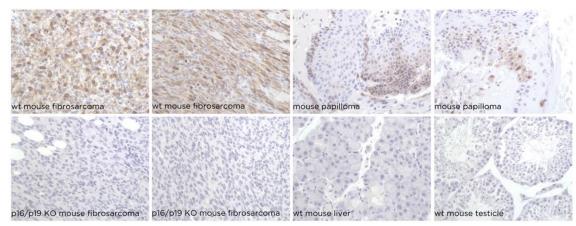
APPLICATIONS

IHC Techniques	Clone	Dilution	Antibody concentration	Antigen retrieval method	Visualization kit	Positive control	Negative control	Protein localization	Positivity in other species		
Frozen tissue and cytospins											
Recommended	PABL	Neat	supernatant								
	O33B										
Paraffin tissue											
Recommended	PABL	Neat	supernatant		Ventana	Fibrosarcoma		nuclear			
	O33B					tissue					
Immunofluorescence											



PABLO33B is able to detect mouse p16 (CDKN2A) protein in immunocytochemistry

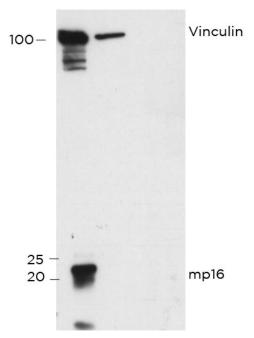
To confirm that PABLO33B mAb recognizes mouse p16 (CDKN2A) protein, immunocytochemistry on frozen cytospins preparations of HEK-mp16-V5 transfected cells was performed. Cytospin preparation of V5-tagged mouse p15 protein was used as a negative control. Anti-V5 was used as a positive control.



PABLO33B mAb can be used to detect mouse p16 (CDKN2A) protein in paraffin tissues

WB Techniques	Clone	Dilution	Antibody concentration	Positive control	Negative control	Expected MW	Observed Mw	Positivity in other species			
Western Blotting											
Recommended	PABLO3	undiluted	supernatant			16kDa	16kDa				
	3B										
Immunoprecipitation											





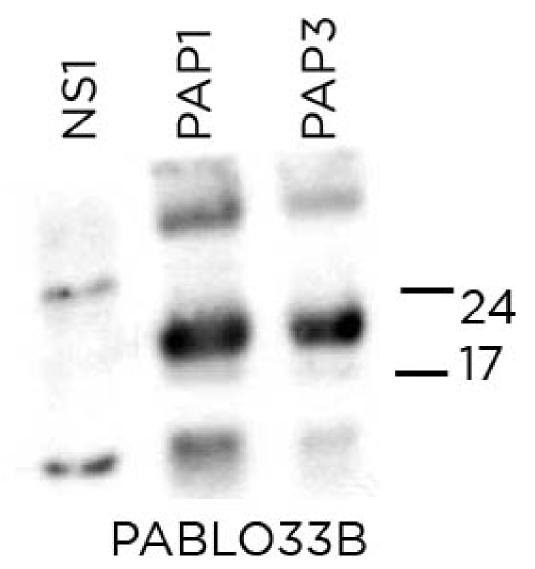
PABLO33B

PABLO33B mAb is able to detect mouse p16 (CDKN2A) protein by WB. LANES

Monoclonal Antibodies Catalogue

Lane 1 HEKmp16 (20ug) (+)

Lane 2 HEKmp15 (20ug) (-)



PABLO33B mAb is able to detect mouse p16 (CDKN2A) protein by WB. LANES

Monoclonal Antibodies Catalogue

Lane 1 NS1 mouse cell line (100ug)

Lane 2 PAP1 mouse papilloma tissue (100ug)

Lane 3 PAP3 mouse papilloma tissue (100ug)