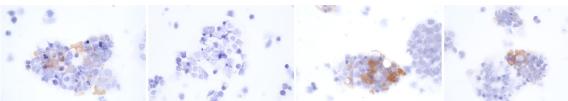
CONTACT INFORMATION:	Monoclonal Antibodies Unit. Centro Nacional de Investigaciones Oncológicas
STATUS:	Validated
TYPE:	rat anti mouse
CLONE NAME:	PABLO33B
PROTEIN:	cyclin-dependent kinase inhibitor 2A
ANTIGEN USED:	HIS-GST-mp16 recombinant protein (full length protein)
FUSION PARTNER:	myeloma p3-NS1/Ag4-1 (NS1) cells
ISOTYPE:	lgG2a
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

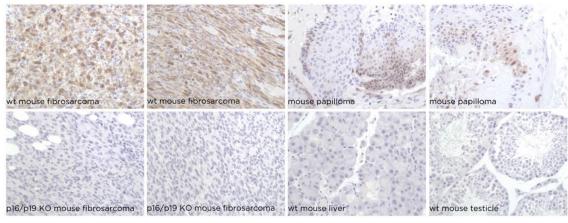
			1						
IHC Techniques	Clone	Dilution	Antibody concentration	Antigen retrieval method	Visualization kit	Positive control	Negative control	Protein localization	Positivity in other specie
Frozen tissue and cytospins									
Recommended	PABL	Neat	supernatant						
	O33B								
Paraffin tissue									
Recommended	PABL	Neat	supernatant		Ventana	Fibrosarcoma		nuclear	
	O33B					tissue			
Immunofluorescence									



HEK-mp16-V5 PABLO33B HEK-mp15-V5 PABLO33B HEK-mp16-V5 V5 HEK-mp15-V5 V5

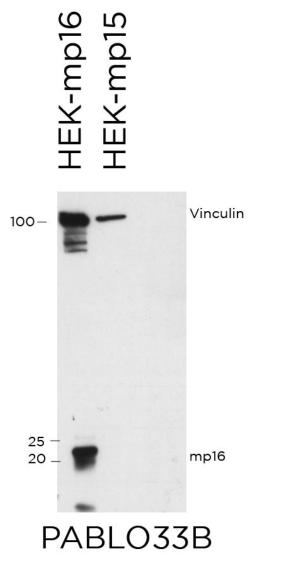
PABLO33B is able to detect mouse p16 (CDKN2A) protein in immunocytochemistry

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.

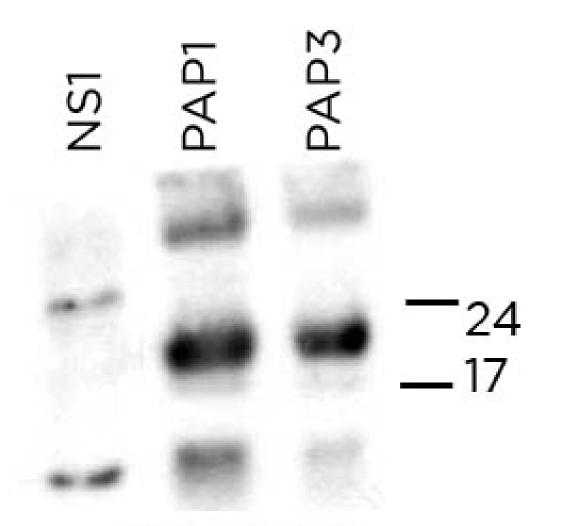


PABLO33B mAb can be used to detect mouse p16 (CDKN2A) protein in paraffin tissues

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 mAb is able to detect mouse p16 (CDKN2A) protein by WB. LANES Lane 1 HEKmp16 (20ug) (+) Lane 2 HEKmp15 (20ug) (-)



PABLO33B

PABLO33B mAb is able to detect mouse p16 (CDKN2A) protein by WB. LANES Lane 1 NS1 mouse cell line (100ug) Lane 2 PAP1 mouse papilloma tissue (100ug) Lane 3 PAP3 mouse papilloma tissue (100ug)