

## p19arf | Validation File

**TARGET** p19arf

**CLONE NAME** PIL346C

**DESCRIPTION** rat monoclonal

**ANTIGEN USED** His-MBP-mp19arf

**ISOTYPE** IgG2b

**SPECIES REACTIVITY** mouse

**LOCALIZATION** nuclear

**POSITIVE CONTROL** Mouse fibrosarcoma tissue

**STORAGE BUFFER** Tissue culture supernatant: 0.02% sodium azide

Purified antibody: PBS plus 1%BSA and 0.02% sodium azide. MAb concentration: 1mg/ml

**STORAGE** Aliquot and store at 4C. Do not freeze

 Recommended

 Inconclusive

 Not Recommended

 Not Tested

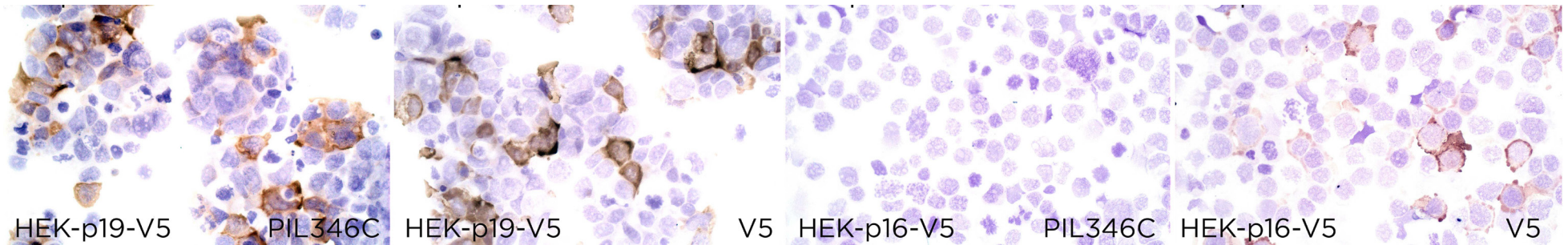
# APPLICATIONS

## ● | ICC | Immunocytochemistry

PIL346C mAb is able to detect mouse p19 protein in immunocytochemistry

**DILUTION** neat supernatant

To confirm that PIL346C mAb recognizes human p19 protein, immunocytochemistry on frozen cytospin preparations of p19 and p16 expressed in HEK293 cells was performed. Anti-V5 confirmed the transfection efficiency.



● | WB | **Western Blotting**

PIL346C mAb is able to detect mouse p19 protein by WB.

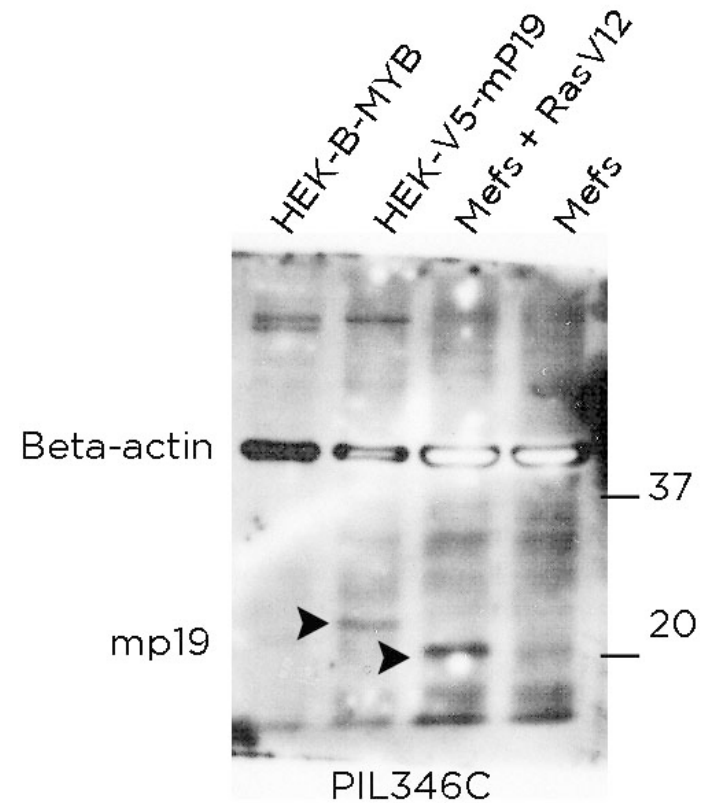
**DILUTION** neat supernatant

Predicted molecular weight: **19kDa**  
Observed molecular weight: **19kDa**

**LANES**

Lane 1 HEK-B-MYB	(20ug) (-)
Lane 2 HEK-V5-mP19	(20ug) (+)
Lane 3 Mefs RASV12	(50ug) (+)
Lane 4 Mef	(50ug) (-)

Beta actin was used as loading control.

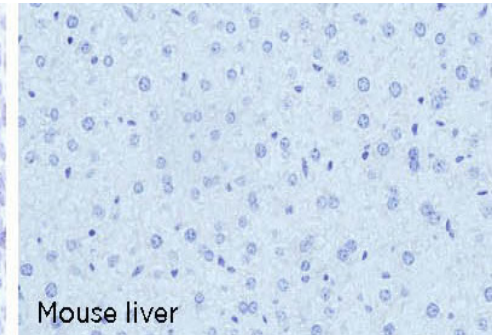
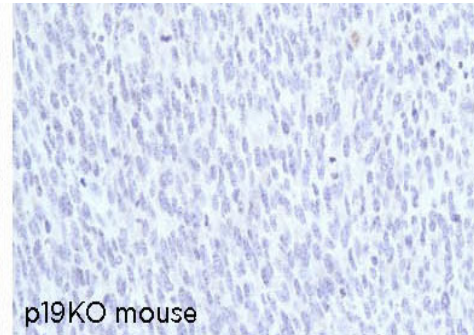
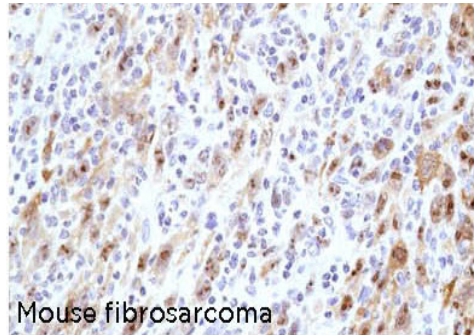
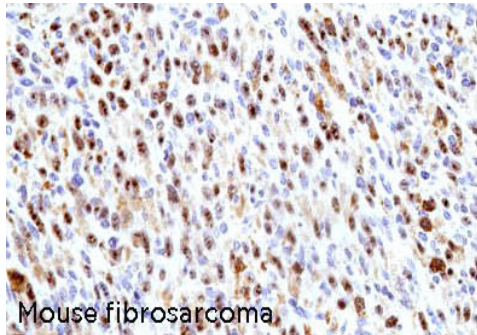


● | IHC-P | **Immunohistochemistry (paraffin)**

PIL346C mAb can be used to detect mouse p19 protein by immunohistochemistry

**TISSUE SAMPLE** mouse fibrosarcoma, p19KO tissue and liver

**DILUTION** 1:10 (supernatant)



● | IHC-F | **Immunohistochemistry (frozen)** Not tested

● | IF | **Immunofluorescence (paraffin)** Not Tested

● | FC | **Flow Cytometry** Not tested

● | IP | **Immunoprecipitation** Not Tested