

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

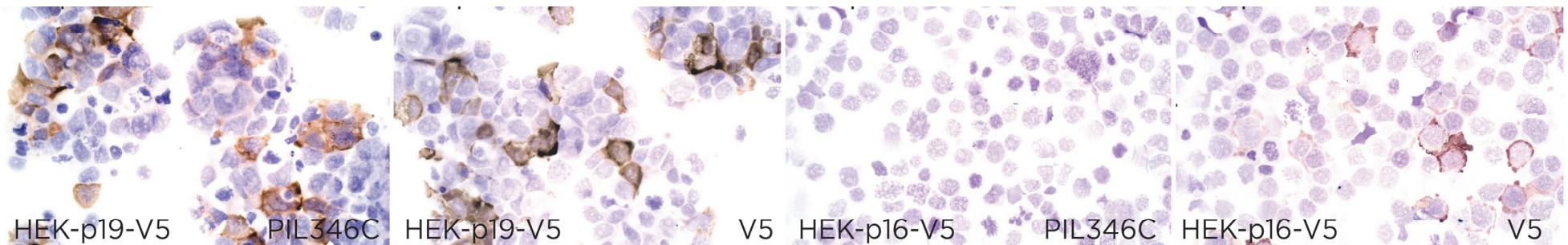
APPLICATIONS

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 cytocentrifuge 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.

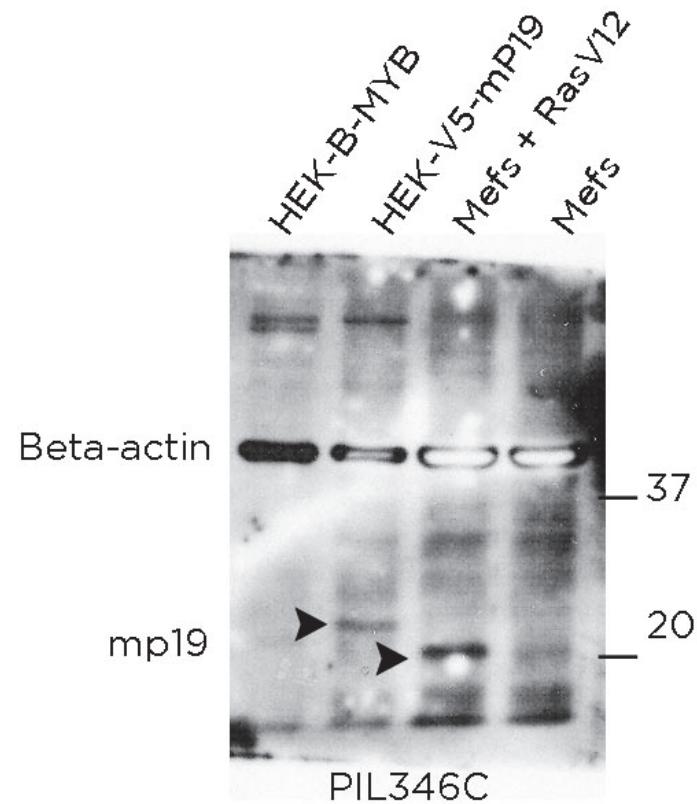
DILUTION neat supernatant

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.

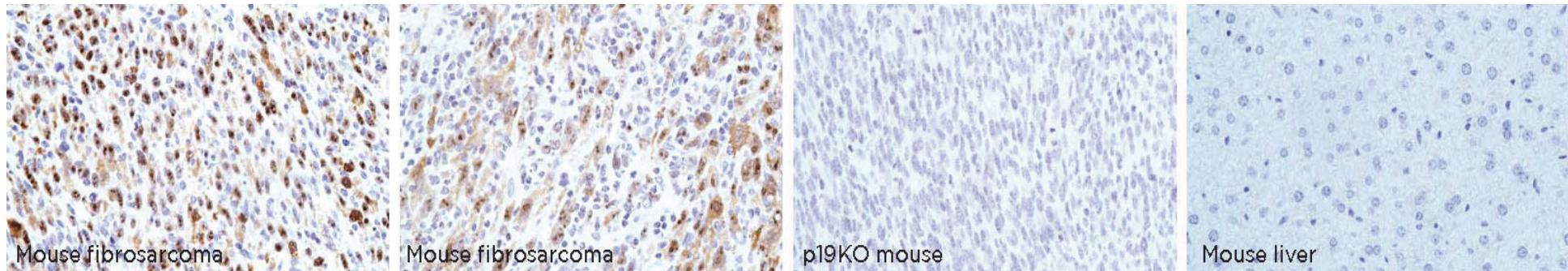


 | IHC-P | **Immunohistochemistry (paraffin)**

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