NGFR | **Validation File**

TARGET NGFR Tumor necrosis factor receptor superfamily member 16
CLONE NAME NORI138B
DESCRIPTION rat monoclonal
ANTIGEN USED His-mNGFR (276-427aa) protein
ISOTYPE IgG2a
SPECIES REACTIVITY human and mouse
LOCALIZATION transmembrane
POSITIVE CONTROL Human Tonsil
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

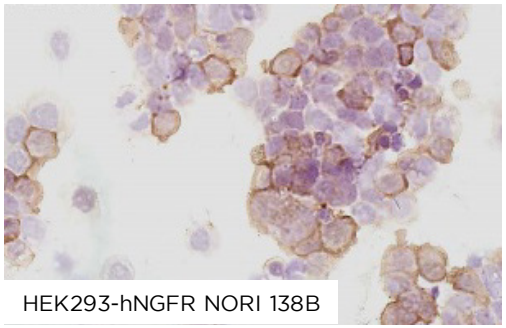
Recommended Inconclusive Not Recommended Not Tested

APPLICATIONS

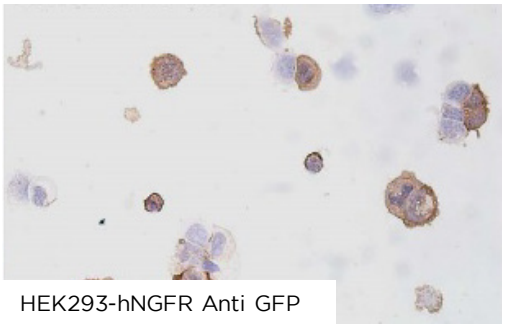
| ICC | **Immunocytochemistry**

NORI138B mAb is able to detect human and mouse NGFR protein in immunocytochemistry.

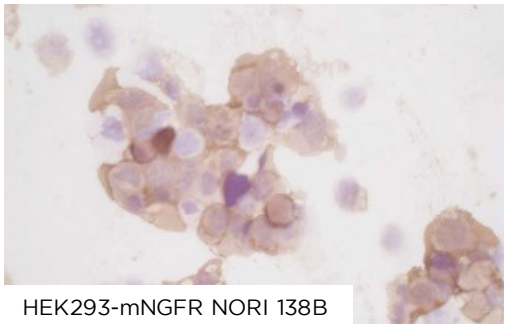
To confirm if NORI138B is specific for human and mouse NGFR protein, immunocytochemistry was performed on frozen cytospin preparations of HEK293 cells tranfected with pcmv6-mNGFR-MYC-DDK and pLenti-hNGFR-mGFP. Labeling with the anti-MYC and GFP mAbs confirmed the efficiency of transfection.



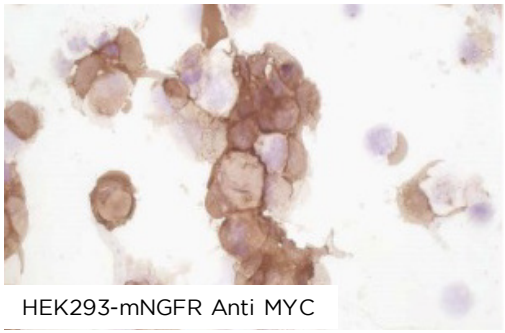
HEK293-hNGFR NORI 138B



HEK293-hNGFR Anti GFP



HEK293-mNGFR NORI 138B

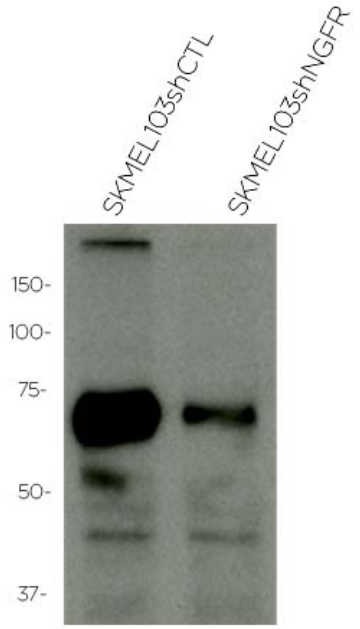


HEK293-mNGFR Anti MYC

| WB | **Western Blotting**

NORI138B mAb is able to detect human NGFR protein by WB.

DILUTION no dilution (neat supernatant)
1:1000 purified antibody (1mg/ml)



Predicted molecular weight: **45kDa**
Observed molecular weight: **60kDa**

LANES

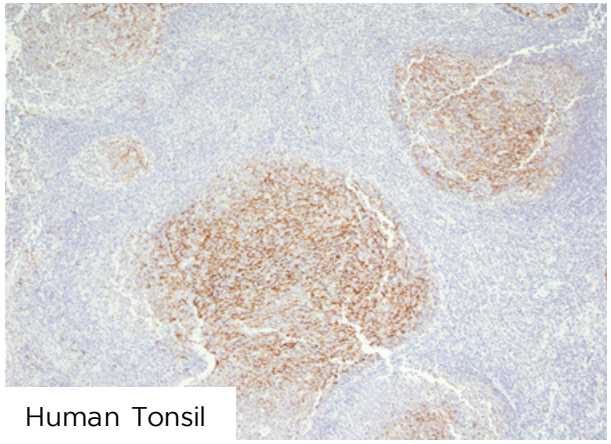
Lane 1 Melanoma cell line SKMEL103 WT (30ug) (+)
Lane 2 Melanoma cell line SKMEL103 siRNA NGFR (30ug) (+)

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

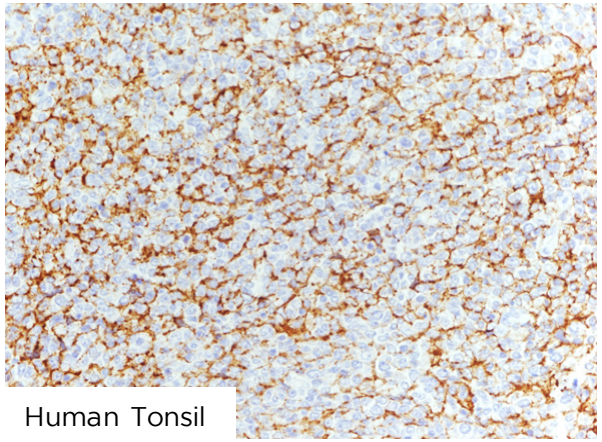
NORI138B antibody can be used to detect NGFR protein in human paraffin tissues.

TISSUE SAMPLE Human tonsil
DILUTION 1:100 (supernatant)
ANTIGEN RETRIEVAL 30 minutes ER1 (Citrate Buffer)
DETECTION SYSTEM Novolink kit (BondMax Leica)

NORI 138B



Human Tonsil



Human Tonsil

| IF | **Immunofluorescence (paraffin)** Not done

| FC | **Flow Cytometry** Not done

| IHC-F | **Immunohistochemistry (frozen)** Not done

| IP | **Immunoprecipitation** Not done