TDP2 | Validation File

TARGET hTDP2
CLONE NAME TODO564A
DESCRIPTION Rat monoclonal
ANTIGEN USED HIS-hTDP2 full-length protein
ISOTYPE IgG2a, K
SPECIES REACTIVITY human
LOCALIZATION nuclear
POSITIVE CONTROL 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

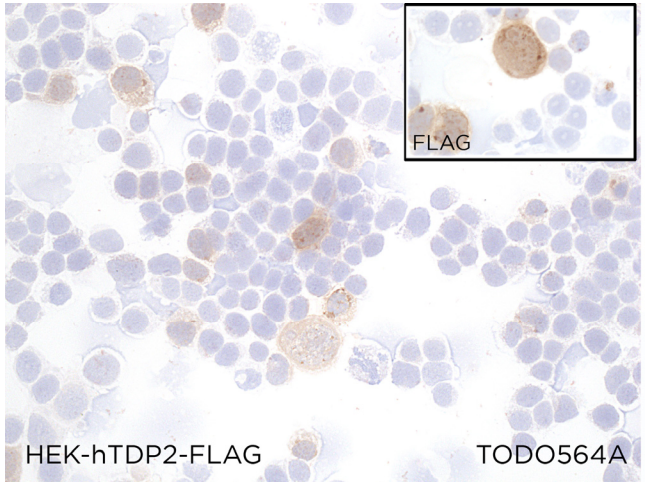
APPLICATIONS

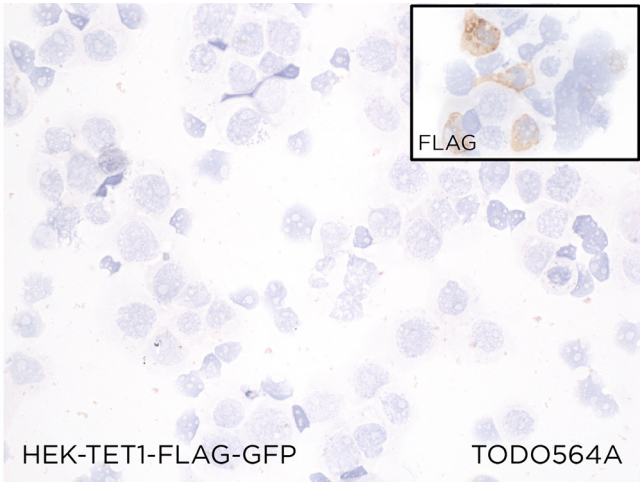
| ICC | ***Immunocytochemistry***

TODO564A is able to detect human TDP2 protein by immunocytochemistry technique

DILUTION neat supernatant

To confirm that TODO564A mAb recognizes human TDP2 protein, immunocytochemistry on frozen cytospin preparations of hTDP2 FLAG tagged were performed. HEK-TET1 transfected cells were used as negative control.





| WB | ***Western Blotting***

TODO564A mAb is able to detect human TPD2 protein by WB.

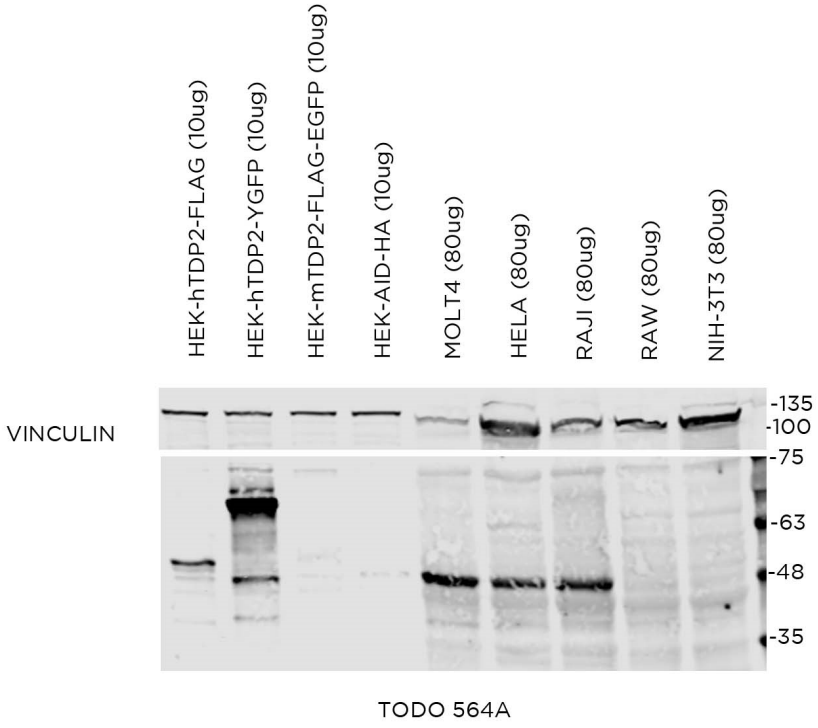
DILUTION neat supernatant

Predicted molecular weight ***41kDa***
Observed molecular weight ***41kDa***

LANES

Lane 1 Hek-TDP2-FLAG (10ug) (+)
Lane 2 Hek-TDP2-YGFP (10ug) (+)
Lane 3 Hek-mTDP2-FLAG-EGFP (10ug) (-)
Lane 4 Hek-AID-HA (10ug) (-)
Lane 5 MOLT4 cell line (80ug) (+)
Lane 6 HELA cell line (80ug) (+)
Lane 7 RAJI cell line (80ug) (+)
Lane 8 RAW264.7 cell line (80ug) (-)
Lane 9 NIH-3T3 cell line (80ug) (-)

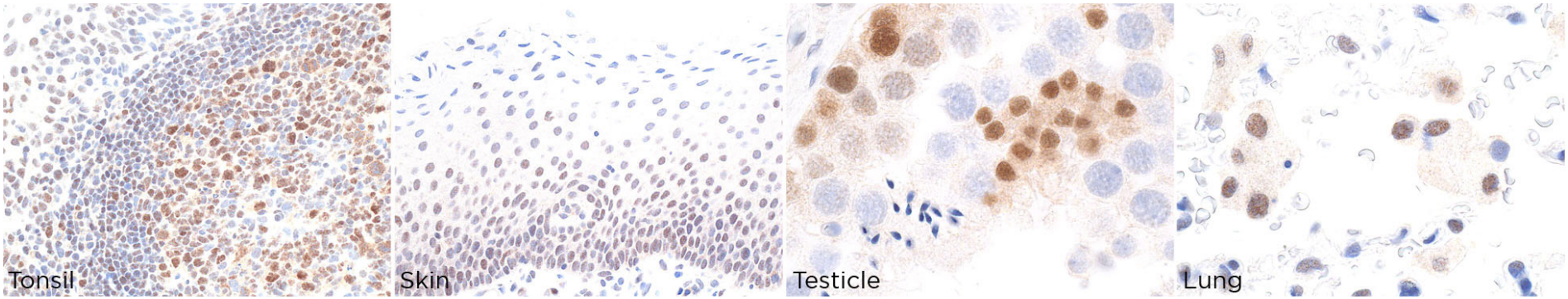
Vinculin was used as loading control



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

TODO564A mAb can be used to detect TDP2 protein in human paraffin tissues

TISSUE SAMPLE Human tonsil, skin, testicle and lung
DILUTION 1:15 supernatant
ANT. RETRIEVAL 20 minutes ER2 (Tris-EDTA)
DETECTION SYSTEM Novolink kit (BondMax Leica)



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

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

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

| IP | ***Immunoprecipitation*** Not Tested