TET2 | ***Validation File***

TARGET TET2 - Methylcytosine dioxygenase TET2
CLONE NAME CADA359A
DESCRIPTION mouse monoclonal
ANTIGEN USED TET2-HIS fragment (1388-2002aa) recombinant protein
ISOTYPE IgG1 lambda
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

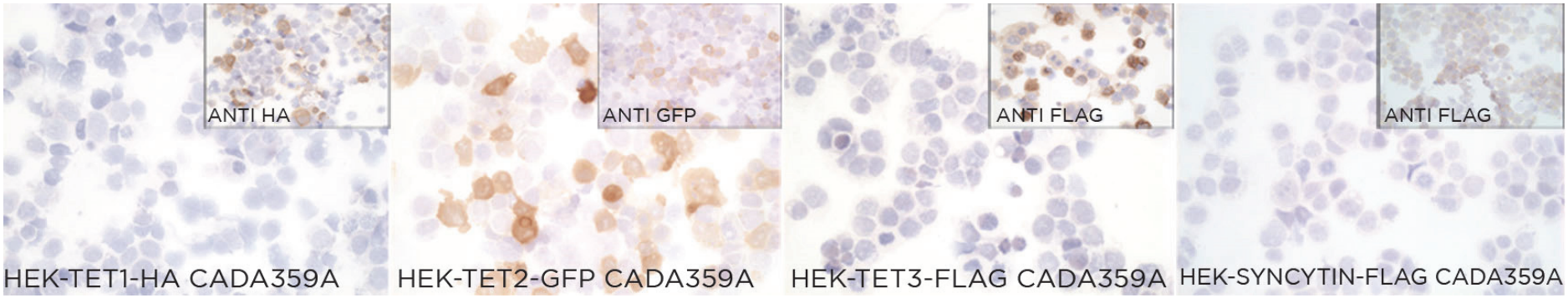
Recommended Inconclusive Not Recommended Not Tested

APPLICATIONS

| ICC | *Immunocytochemistry*

CADA359A mAb is able to detect human TET2 protein in immunocytochemistry.

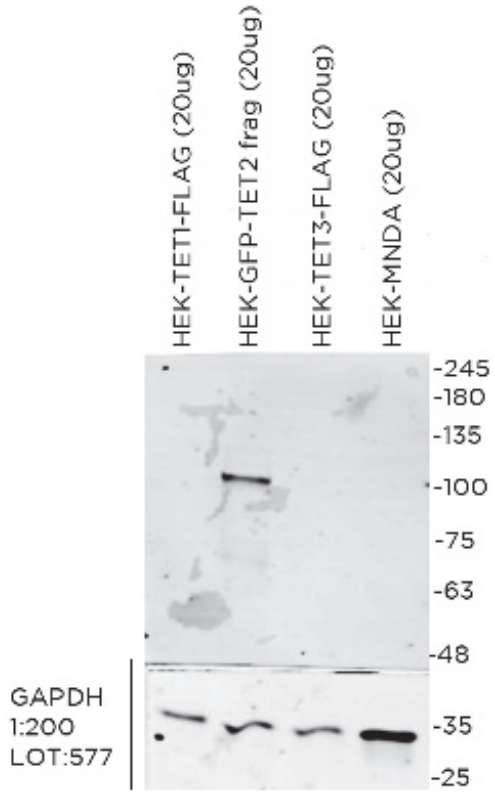
To confirm that CADA359A mAb recognizes human TET2 protein, immunocytochemistry on frozen cytospins preparations of HA, GFP and FLAG-tagged human TET1, TET2 and TET3 expressed in HEK293 was performed. Anti-HA, GFP and FLAG antibodies were used as positive control. Cytospin preparation of FLAG-tagged human SYNCYTIN1 was used as a negative control.



| WB | ***Western Blotting***

CADA359A antibody can be used to detect TET2 protein ***overexpression*** by western blotting.

DILUTION Neat supernatant



Predicted molecular weight: ***223kDa***
Observed molecular weight: ***100kDa***

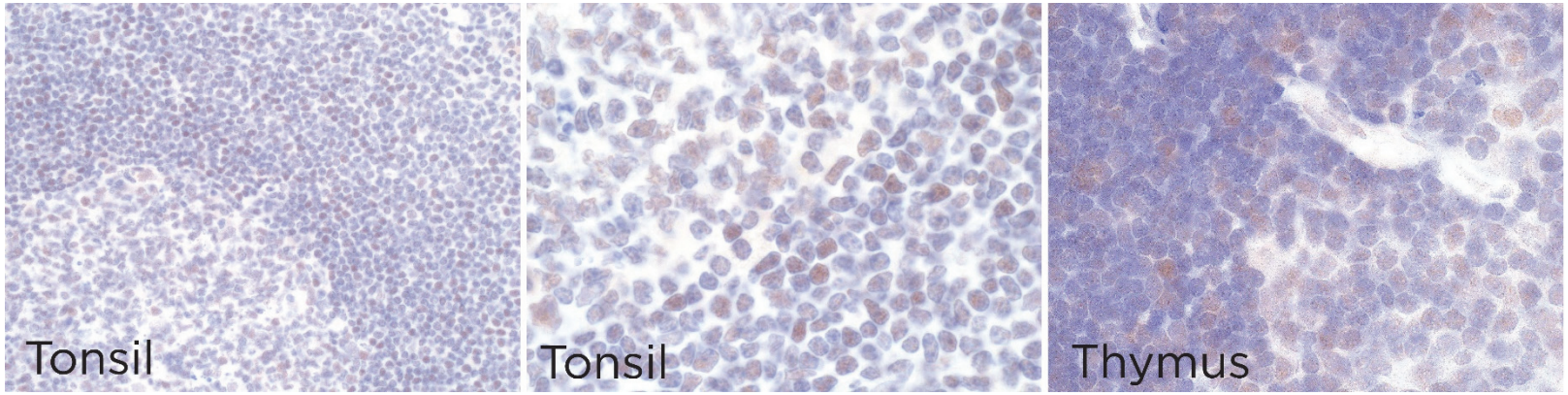
LANES

Lane 1 HEK-TET1-FLAG	(20ug) (-)
Lane 2 HEK-TET2-GFP-fragment	(20ug) (+)
Lane 3 HEK-TET3-FLAG	(20ug) (-)
Lane 4 HEK-MNDA	(20ug) (-)

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

CADA359A antibody can be used to detect TET2 protein in human paraffin tissues.

TISSUE SAMPLE Human tonsil and thymus.
DILUTION 1:5 supernatant
ANTIGEN RETRIEVAL 20 minutes ER2 (Tris-EDTA)
DETECTION SYSTEM Novolink kit (BondMax Leica)



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

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

| M-IHC-P | ***Mouse Immunohistochemistry (paraffin)*** Not tested

| IP | ***Immunoprecipitation*** No tested

| FC | ***Flow Cytometry*** No tested