Alpha-Tubulin | **Validation File**

TARGET Human alpha-tubulin
PROTEIN PREDICTED MOLECULAR WEIGHT 50KDa
CLONE NAME F2
DESCRIPTION rat monoclonal
ANTIGEN USED not know
ISOTYPE IgG1
SPECIES REACTIVITY human
LOCALIZATION cytoplasm
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

| WB | **Western Blotting**

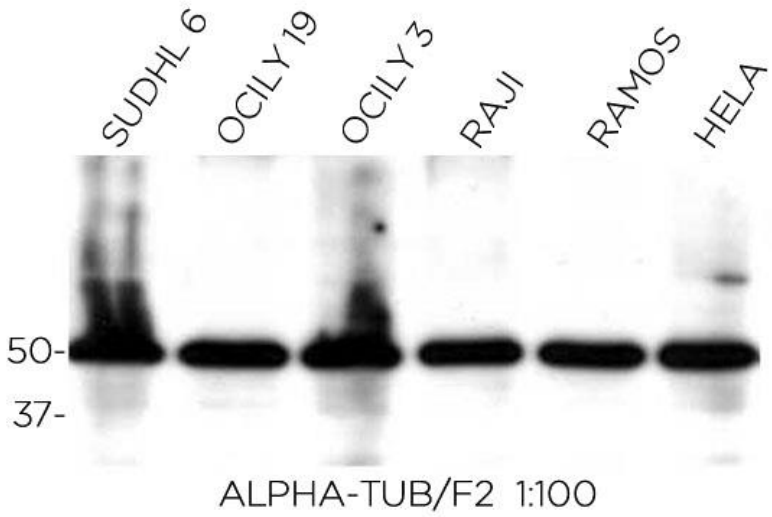
F2 mAb is able to detect human alpha-tubulin protein by WB.

DILUTION 1:100 (supernatant) and 1:20000 (purified).

Predicted molecular weight: **50kDa**
Observed molecular weight: **50kDa**

LANES

Lane 1 SUDHL6 cell line (100ug) (+)
Lane 2 OCILY19 cell line (100ug) (+)
Lane 3 OCILY3 cell line (100ug) (+)
Lane 4 RAJI cell line (100ug) (+)
Lane 5 RAMOS cell line (100ug) (+)
Lane 6 HELA cell line (100ug) (+)

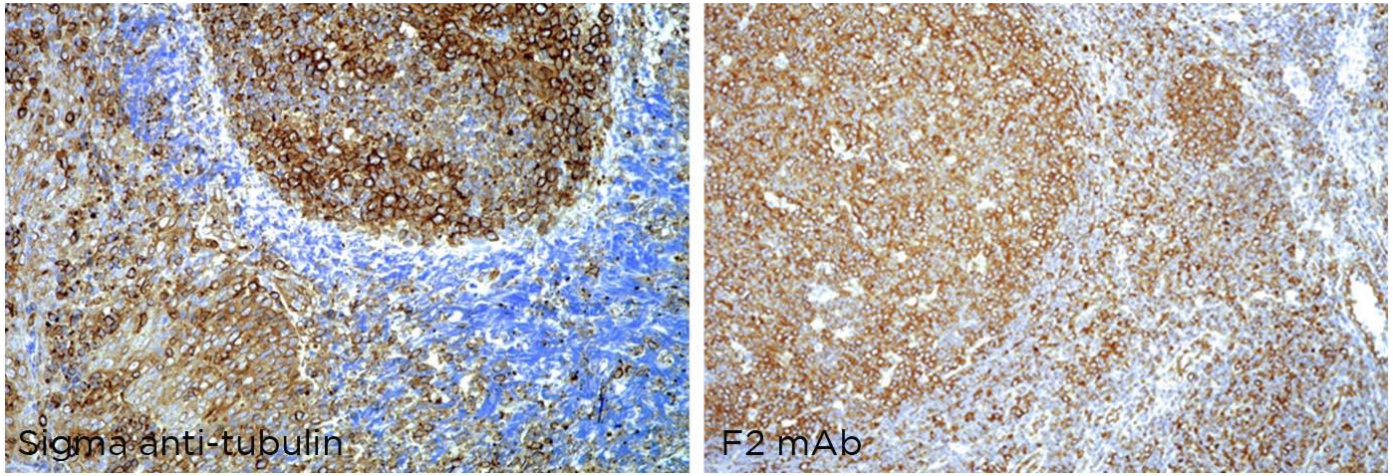


ALPHA-TUB/F2 1:100

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

F2 antibody can be used to detect Alpha-Tubulin protein in human paraffin tissues.

TISSUE SAMPLE Human tonsil
DILUTION 1:100 (supernatant)
1:1500 purified antibody
Sigma mouse mAb (T9026) was diluted 1:8000
ANTIGEN RETRIEVAL 20 minutes ER1 (Citrate)
SYSTEM Novolink kit (BondMax Leica)



| IP | **Immunoprecipitation** Not done

| ICC | **Immunocytochemistry** Not done

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

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