

KLHL6 | Validation File

TARGET KLHL6

CLONE NAME 92C

DESCRIPTIO mouse monoclonal

ANTIGEN USED HIS-KLHL6 recombinant protein full length

ISOTYPE IgG1

SPECIES REACTIVITY human

LOCALIZATION cytoplasmic (Golgi)

POSITIVE CONTROL Tonsil

STORAGE BUFFER Tissue culture supernatant: 0.02% sodium azide

Purified Ab: PBS plus 1%BSA and 0.02% sodium azide. Concentration: 1mg/ml

STORAGE Aliquot and store at 4C. Do not freeze

 Recommended

 Inconclusive

 Not Recommended

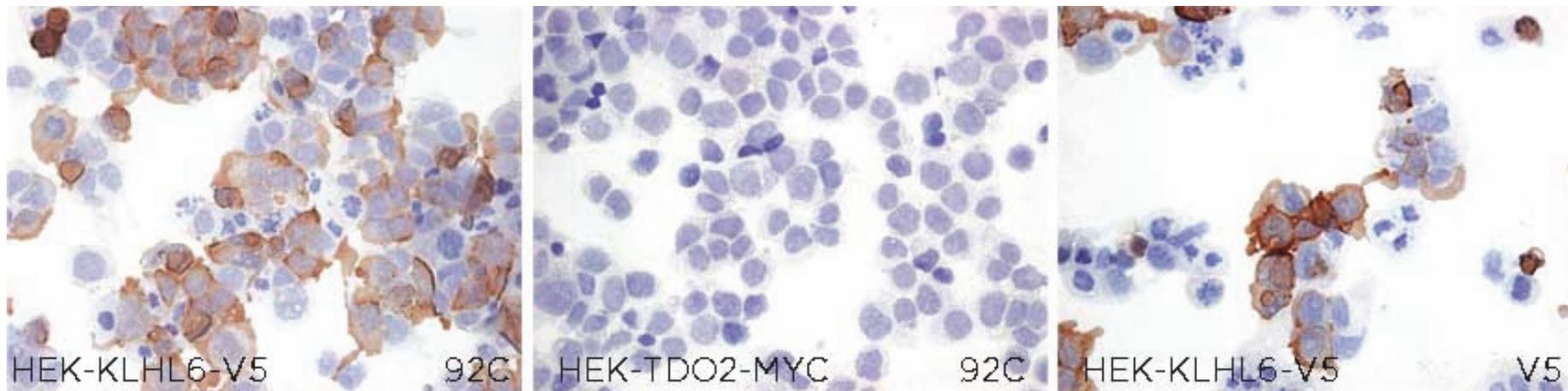
 Not Tested

APPLICATIONS

● | ICC | *Immunocytochemistry*

92C mAb is able to detect human KLHL6 protein in immunocytochemistry

To confirm that 92C mAb recognizes human KLHL6 protein, immunohistochemistry on frozen cytospin preparations of V5-tagged human KLHL6 expressed in HEK293T was performed. Cytospin preparation of TDO2 protein was used as a negative control. Anti-V5 antibody was used to confirm transfection efficiency.



● | WB | **Western Blotting**

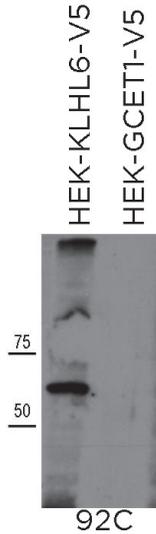
92C mAb is able to detect human KLHL6 protein by WB.

DILUTION 1:70 (purified antibody) and neat supernatant

Protein predicted molecular weight: **70kDa**

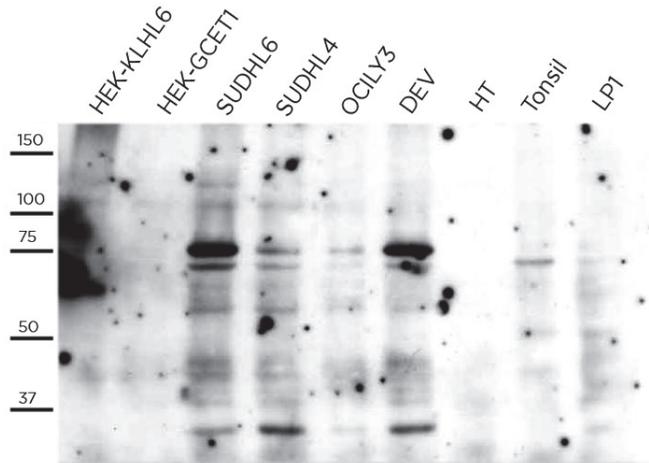
LANES

Lane 1 Hek-KLHL6 (30ug) (+)
Lane 2 Hek-GCET1 (30ug) (-)



LANES

Lane 1 HEK-KLHL6 (30ug) (+)
Lane 2 HEK-GCET1 (30ug) (-)
Lane 3 SUDHL6 cell line (100ug) (+)
Lane 4 SUDHL4 cell line (100ug) (+)
Lane 5 OCILY3 cell line (100ug) (+)
Lane 6 DEV cell line (100ug) (+)
Lane 7 HT cell line (100ug) (-)
Lane 8 Human tonsil (100ug) (+)
Lane 9 LP1 cell line (100ug) (-)



KLHL6 92C/D9 purified 1:70

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

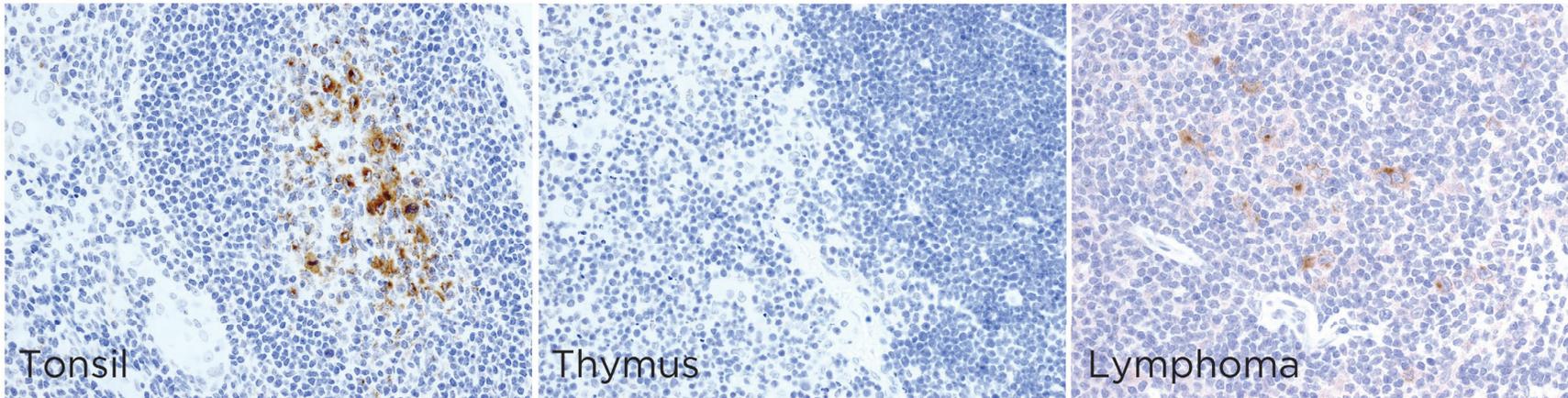
92C mAb can be used to detect KLHL6 protein in human paraffin tissues

TISSUE SAMPLE Human tonsil, thymus and lymphocytic predominant Hodgkin's lymphoma.

DILUTION 1:3 supernatant
1:50 purified Ab (1mg/ml)

ANT. RETRIEVAL 20 minutes ER2 (Tris-EDTA)

DETECTION SYSTEM Novolink kit (BondMax Leica)



● | FC | **Flow Cytometry** Not Tested

● | IP | **Immunoprecipitation** Not Tested

● | IHC-F | **Immunohistochemistry (frozen)** Not working

● | IF | **Immunofluorescence (paraffin)** Not working

REFERENCES

Nam-Cha SH, Montes-Moreno S, Salcedo MT, Sanjuan J, Garcia JF and Piris MA. Lymphocyte-rich classical Hodgkin's lymphoma: distinctive tumor and microenvironment markers. *Modern Pathology* (2009) 22, 1006–1015.

Kunder CA, Roncador G, Advani RH, Gualco G, Bacchi CE, Sabile JM, Lossos IS, Nie K, Tibshirani RJ, Green MR, Alizadeh AA, Natkunam Y. KLHL6 Is Preferentially Expressed in Germinal Center-Derived B-Cell Lymphomas. *Am J Clin Pathol*. 2017 Nov 20;148(6):465-476.