CDC25A | **Validation File**

TARGET CDC25A (M-phase inducer phosphatase 1)
CLONE NAME CAMI271C
DESCRIPTION rat monoclonal
ANTIGEN USED CDC25A-HIS (aa53-325) recombinant protein
ISOTYPE IgG2a
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**

CAMI271C mAb is able to detect human CDC25A protein in immunocytochemistry.

To confirm that CAMI271C mAb recognizes human CDC25A protein, immunocytochemistry on frozen cytospins preparations of HA-tagged CDC25A expressed in HEK293 was performed. Cytospin preparations of human CDC25B and CDC25C protein were used as a negative control. Anti-HA, GFP and V5 antibodies were used as positive control.

HEK-CDC25A-HA   CAMI 271C   HEK-CDC25B-GFP   CAMI 271C   HEK-CDC25C-V5   CAMI 271C
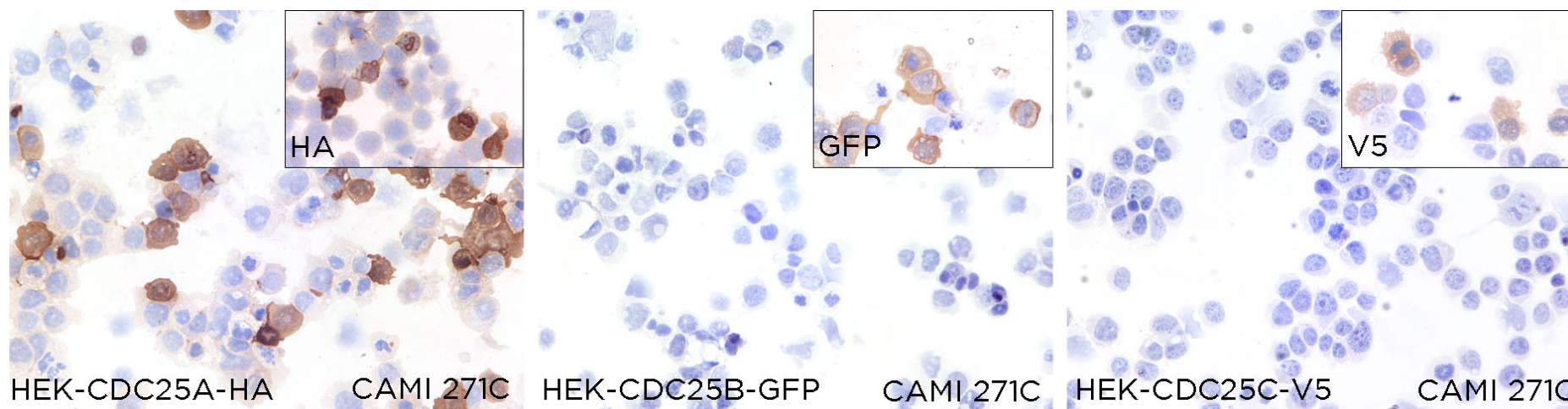
CAMI271C mAb is able to detect human CDC25A protein by WB.

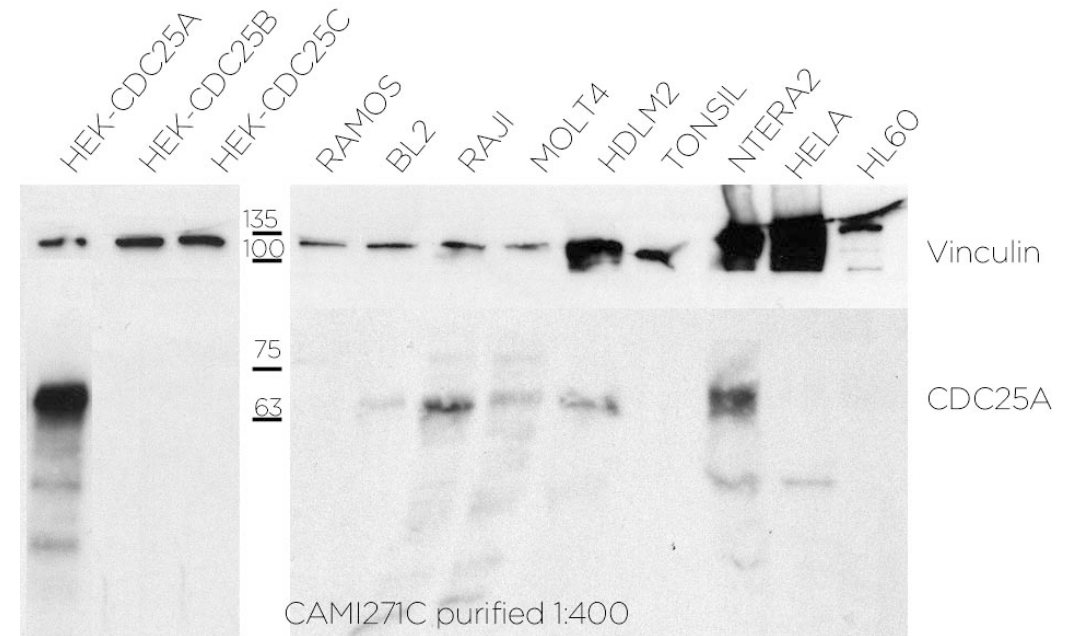**DILUTION** 1:400 purified antibody (1mg/ml)

Predicted molecular weight: **59kDa**
Observed molecular weight: **68kDa**

LANES

|	
Lane 1 HEK-CDC25A	(10ug) (+)
Lane 2 HEK-CDC25B	(10ug) (-)
Lane 3 HEK-CDC25C	(100ug) (-)
Lane 4 Ramos cell line	(100ug) (-)
Lane 5 BL2 cell line	(100ug) (+)
Lane 6 Raji cell line	(100ug) (+)
Lane 7 MOLT4 cell line	(100ug) (+)
Lane 8 HDLM2 cell line	(100ug) (+)
Lane 9 Human tonsil	(100ug) (-)
Lane 10 NTERA2 cell line	(100ug) (+)
Lane 11 Hela cell line	(100ug) (-)
Lane 12 HL60 cell line	(100ug) (-)

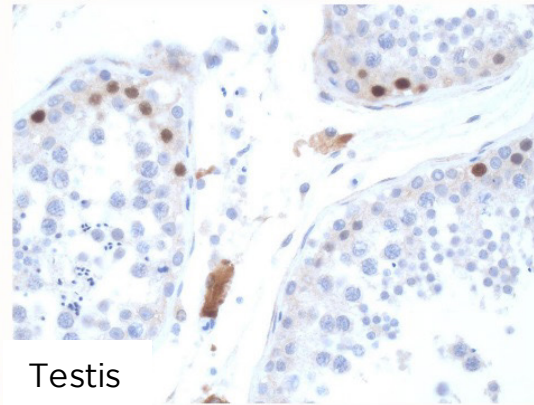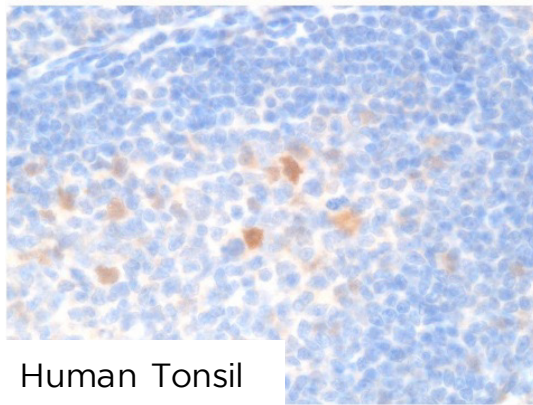## | IHC-P | **Immunohistochemistry (paraffin)**

Antibody CAMI271C can be used to detect CDC25A protein in human paraffin tissues.

TISSUE SAMPLE human tonsil, testicle, Burkitt lymphoma, DLBCL and peripheral T cell lymphoma.
DILUTION 1:200 purified antibody (1mg/ml)
ANTIGEN RETRIEVAL 20 minutes ER2 (Tris-EDTA)
DETECTION SYSTEM Novolink kit (BondMax Leica)

Human Tonsil

Testis

Burkitt Lymphoma

Burkitt Lymphoma

DLBC Lymphoma

PTC Lymphoma
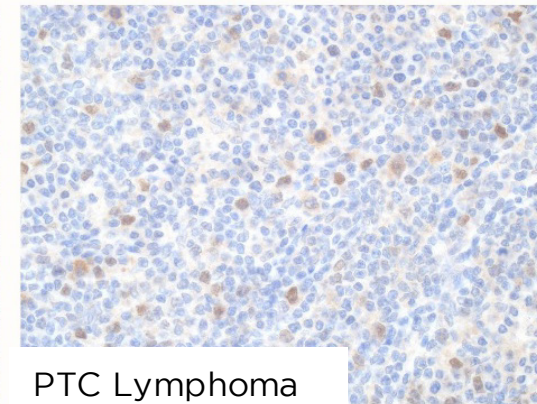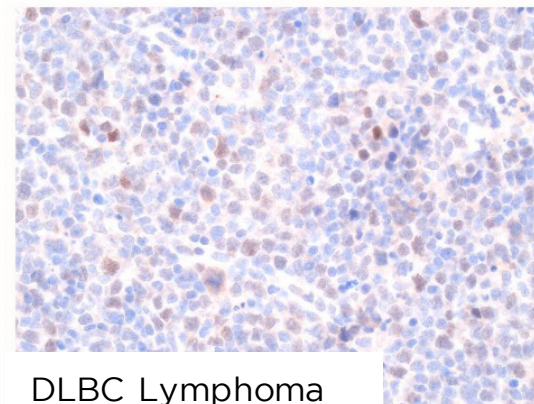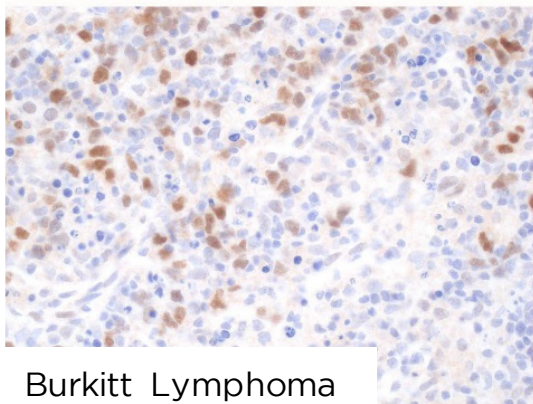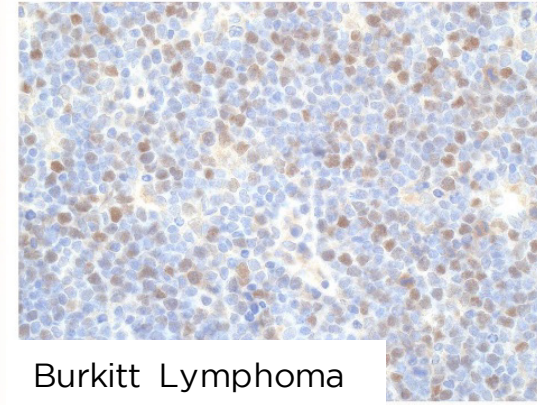
● | IF | **Immunofluorescence (paraffin)** Not done

● | FC | **Flow Cytometry** Not done

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

● | IP | **Immunoprecipitation** Not done