

# CPTC-CD27-3 (CAB080304)

Uniprot ID: [P26842](#)

Protein name: CD27\_HUMAN

Full name: CD27 antigen

Tissue specificity: Found in most T-lymphocytes.

Function: Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.

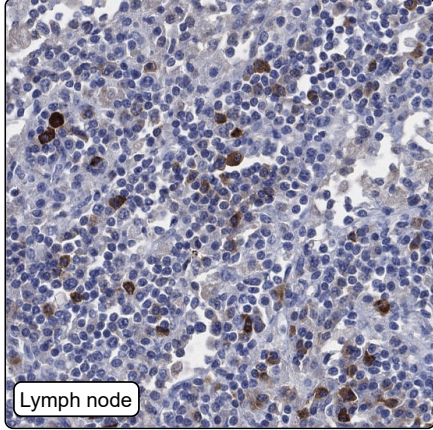
Subcellular location:

Membrane (Topo: Single-pass type I membrane protein)

Protein existence: Experimental evidence at protein level

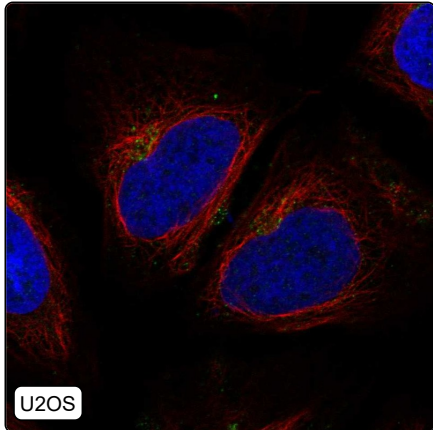
Comment:

## Immunohistochemistry



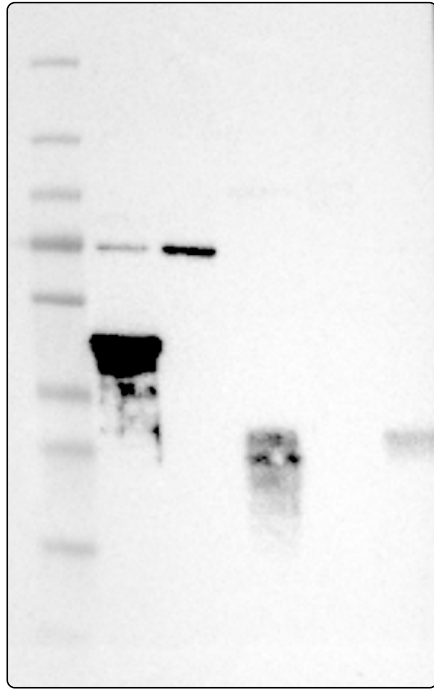
IHC protocol:	HIER pH6, Dilution 1:1000
IHC test staining:	Cytoplasmic positivity in immune cells.
Literature conformance:	Consistent with extensive gene/protein characterization data
Literature significance:	
RNA similarity:	High consistency between antibody staining and RNA expression data
RNA tissue specificity:	Tissue enriched (lymphoid tissue)
RNA tissue distribution:	Detected in many
IHC Sibling similarity:	Other antibody shows partly similar IHC staining pattern

## Immunofluorescence



IF Overlay:	antibody (green), anti-tubulin (red) and DAPI (blue)
IF main location:	Vesicles - 8: <b>Approved</b> (auto)
IF additional location:	
IF approved for publication on HPA:	No
IF in THP-1:	Negative
IF in U2OS:	Vesicles

# Western blot



<b>WB Size markers (kDa):</b>	250, 130, 100, 70, 55, 35, 25, 15, 10
<b>WB Lanes:</b>	Marker (1), RT-4 (2), U-251MG (3), Plasma (4), Liver (5), Tonsil (6)
<b>WB Target weight (kDa):</b>	29
<b>WB Validation:</b>	Uncertain (Weak band of predicted size but with additional bands of higher intensity also present.)