

HLDA9 Antibody Validation File

Antibody Information

Antibody name: RAM341
Specificity: Human GCET-1
Antibody species: Mouse
Ig Isotype: IgG1
Immunogen: GST-GCET-1 recombinant protein
Epitope recognized: Unknown
Specificity: Human

Submitted: Giovanna Roncador (Spanish National Cancer Research Centre (CNIO), Spain)

Antibody validation data

Validation of RAM341 monoclonal antibody in transfected cells (Figure 1)
Biochemical characterization of RAM341 monoclonal antibody (Figure 2)
Expression in reactive human paraffin tonsil (Figure 3)

Figure 1: Validation of GCET-1 (RAM341) monoclonal antibody in transfected cells

Immunohistochemistry on frozen cytospin preparations of V5-tagged human GCET-1 expressed in HEK293T was performed. Cytospin preparation of V5-tagged human GCET-2 protein was used as a negative control.

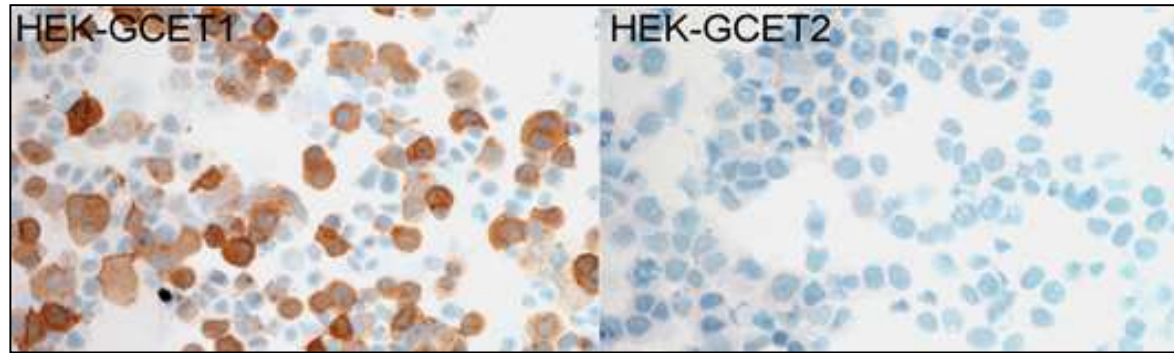


Figure 2: Western Blotting characterization of GCET-1 (RAM341) monoclonal antibody

Western Blot results of RAM341 monoclonal antibody in transfected and lymphoma cell lines.

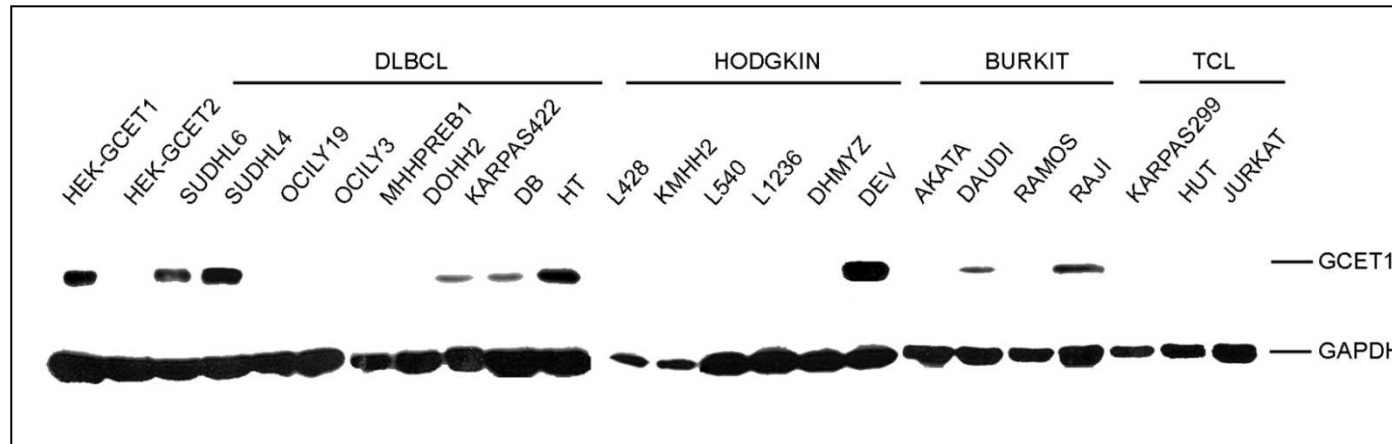
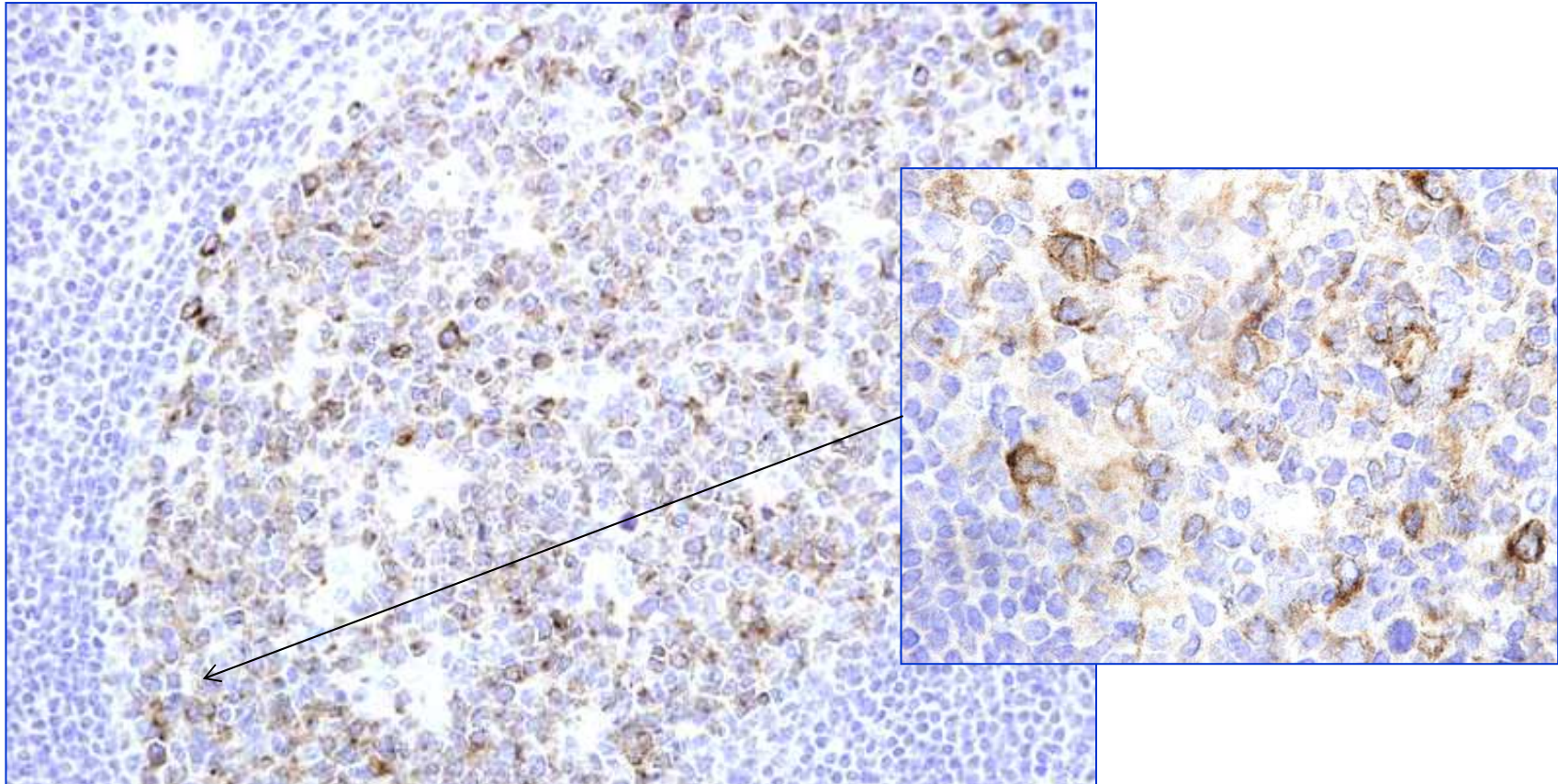


Figure 3: GCET-1 (RAM341) monoclonal antibody expression in reactive tonsil



Human tonsil: In tonsil RAM341 monoclonal antibody stains strongly the cytoplasm of B cell in the germinal centers.

Publications using antibody RAM341

Montes-Moreno S, Roncador G, Maestre L, Martínez N, Sanchez-Verde L, Camacho FI, Cannata J, Martinez-Torrecedrada JL, Shen Y, Chan WC, Piris MA. Gcet1 (centerin), a highly restricted marker for a subset of Germinal Centre-derived lymphomas. Blood. 2007 Jan;111(1):351-8.

Patents: NO

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