

Anti-HGAL Monoclonal Antibody

ORDERING INFORMATION

Catalog no.: 34044

Size: 100ug Protein G-purified antibody in PBS, pH 7.4.

BACKGROUND

The human germinal-center-associated lymphoma (HGAL) gene was originally identified from an expressed sequence tag that was associated with improved survival in patients with diffuse large B-cell lymphoma (DLBCL). Cloning and characterization of HGAL indicated that it is induced by IL-4. HGAL is a cytoplasmic protein and has been demonstrated in follicular lymphoma, Burkitt lymphoma, lymphocyte-predominant Hodgkin lymphoma, and a subset of DLBCL. HGAL expression is an important predictor of overall survival in patients with germinal center-derived tumors. HGAL protein is also found in germinal centers of normal tonsils and lymph nodes.

SPECIFICATION SUMMARY

Antigen: GST-HGAL fusion protein (Accession no. AF521911)

Clone no.: 1H1-A7

Host: Mouse

Antibody Class: IgG2a

Preservatives: None - available on request.

SPECIFICITY

This antibody recognizes human HGAL.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

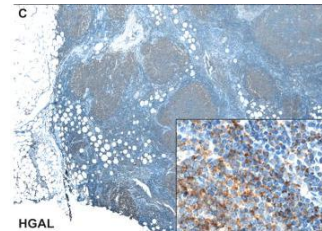
STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

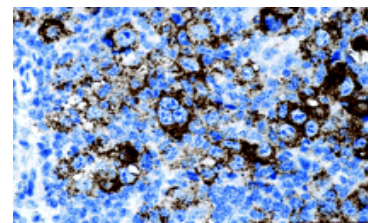
For in vitro investigational use only. Not intended for diagnostic or therapeutic applications.

APPLICATIONS

Immunohistochemistry: use at 1-10ug/ml on paraffin-embedded tissues with heat-induced antigen retrieval in citrate buffer (10mM, pH 6.0, 10 minutes).

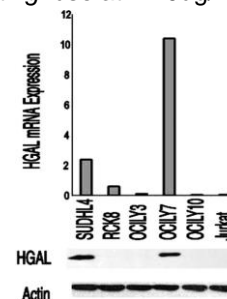


Positive staining of lymph node follicular and interfollicular regions with #34044.



Positive staining of HGAL with #34044 in classic Hodgkin lymphoma.

Immunoblotting: use at 1-10ug/ml



HGAL mRNA and protein expression in lysates of indicated cell lines. Actin served as a loading control. These are recommended concentrations. Endusers should determine optimal concentrations for their applications.

PRODUCT REFERENCES

Fouad-Younes S et al. 2010 Am J Surg Pathol 34: 1266-1276.

Natkunam Y et al. 2006 Blood 109: 298-305.

Natkunam Y et al. 2005 Blood 105: 3979-3986.

Lossos IS et al. 2003 Blood 101: 433-440.