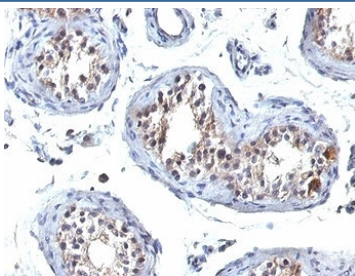


HGAL Antibody / GCSAM / GCET2 [clone HGAL/830] (V8782)

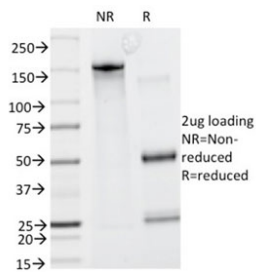
Catalog No.	Formulation	Size
V8782-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8782-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8782SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	HGAL/830
Purity	Protein A/G affinity
UniProt	Q8N6F7
Localization	Cytoplasm, Cell surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This HGAL antibody is available for research use only.



HGAL Antibody Human Testis Tissue IHC. Immunohistochemistry staining of FFPE human testis tissue with HGAL antibody (clone HGAL/830). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free HGAL antibody (HGAL/830) as confirmation of integrity and purity.

Description

HGAL Antibody specifically detects Germinal center-associated signaling and motility protein / GCSAM, also called GCET2 and hGAL, a protein that contains a putative PDZ-interacting domain, an immunoreceptor tyrosine-based activation motif (ITAM), and two putative SH2 binding sites. In B cells, its expression is specifically induced by interleukin-4. HGAL is specifically expressed in germinal center B-cells, but is absent in mantle and marginal zone B-cells and in the inter-follicular and para-cortical regions in normal tonsils and lymph nodes. Its high degree of specificity for germinal center B-cells makes anti-HGAL an ideal marker for the detection of germinal center-derived B-cell lymphomas. HGAL expression has been used to help elucidate nodal marginal zone lymphoma (NMZL) from cases of diffuse follicle center lymphoma. Additionally, HGAL expression was shown to correlate with survival in patients with diffuse large B-cell lymphoma (DLBCL).

For highly specific detection of germinal center-associated B-cell populations, see our [HGAL Antibody / Germinal Center B-Cell Marker Antibody](#) page featuring clone HGAL/2834 with IHC and HuProt(TM) microarray specificity validation data.

Application Notes

Optimal dilution of the HGAL antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-200 was used as the immunogen for the HGAL antibody.

Storage

Aliquot the HGAL antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.