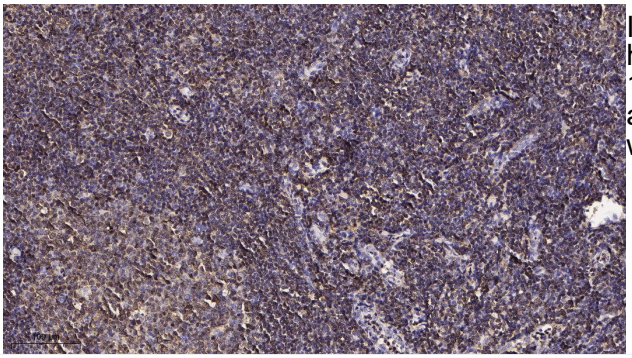
GCET2 Rabbit mAb

Catalog No	YP-rAb-17670
Isotype	IgG
Reactivity	Human
Applications	IHC,IF,ICC,FC
Gene Name	GCSAM;GAL;GCET2
Protein Name	Germinal center-associated signaling and motility protein;Germinal center B-cell-expressed transcript 2 protein;Germinal center-associated lymphoma protein;hGAL;
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:100-300; ICC/IF 1:100-300; FC 1:100-300 Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	GCSAM ; GAL ; GCET2 ; Germinal center-associated signaling and motility protein ; Germinal center B-cell-expressed transcript 2 protein ; Germinal center-associated lymphoma protein ; hGAL ;
Observed Band	20kD
Calculated Molecular Weight	
Cell Pathway	Cytoplasm. Cell membrane. Note=It relocalizes from the cytoplasm to podosome-like structures upon cell treatment with IL6.
Tissue Specificity	Expressed in diffuse large B-cell lymphoma (DLBCL) and several germinal center (GC)-like lymphoma cell lines (at protein level). Highly expressed in normal GC lymphocytes and GC-derived malignancies. Expressed in thymus and spleen. {ECO:0000269|PubMed:12509382, ECO:0000269|PubMed:12819018, ECO:0000269|PubMed:15677569}.
Function	Involved in the negative regulation of lymphocyte motility. It mediates the migration-inhibitory effects of IL6. Serves as a positive regulator of the RhoA signaling pathway. Enhancement of RhoA activation results in inhibition of lymphocyte and lymphoma cell motility by activation of its downstream effector ROCK. Is a regulator of B-cell receptor signaling, that acts through SYK kinase activation. {ECO:0000269|PubMed:17823310, ECO:0000269|PubMed:20844236,

ECO:0000269|PubMed:23299888}.

Background	This gene encodes a protein which may function in signal transduction pathways and whose expression is elevated in germinal cell lymphomas. It 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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue. 1,primary Antibody was diluted at 1:200(4℃,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98℃,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min).