

Product datasheet for **TA320408**

Lymphocyte Activation Gene 3 (LAG3) Mouse Monoclonal Antibody [Clone ID: CNA.42]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CNA.42
Applications:	IHC
Recommended Dilution:	Flow, IHC, WB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	lymphocyte activating 3
Database Link:	NP_002277 Entrez Gene 3902 Human P18627

Background: The monoclonal antibody CNA.42 recognizes a unique carbohydrate epitope found on follicular dendritic cells (FDCs) from a variety of species. FDCs are large cells in germinal centers (GCs) of primary and lymphoid tissues. They present non-processed antigen and switch off apoptosis of B cells through a selection process resulting in selection of memory B cells. FDCs express many B cell markers such as CD21 (long isoform), CD23 and CD35. A role for FDCs as been shown in various infectious diseases such as AIDS and transmissible spongiform encephalitis. Staining with this CNA.42 monoclonal antibody is mainly restricted to the plasma membrane but in limited cases may also be cytoplasmic (as seen in mast cells). This monoclonal has been shown to be a useful reagent for both flow cytometry and IHC analysis.

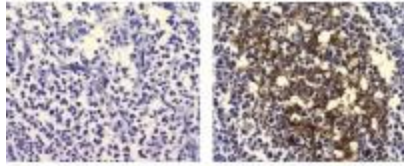
Synonyms: CD223



[View online »](#)

Protein Families: Transmembrane

Product images:



Immunohistochemistry on formalin-fixed paraffin embedded human tonsil using 1 ug/mL Mouse IgM Isotype Control (left) or 1 ug/mL Anti-Human FDC Purified (right) followed by anti-Mouse IgG Biotin and DAB visualization. Nuclei are counterstained with hematoxylin.