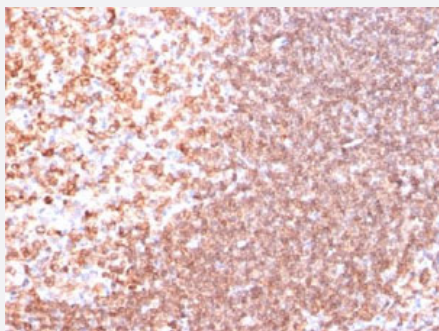


CD74 monoclonal antibody, clone SPM523

Catalog # MAB15169 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil.

Specification

Product Description	Mouse monoclonal antibody raised against human CD74.
Immunogen	SU-DHL-4 lymphoma cells.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/million cells) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.1-0.2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at 4°C. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil.
- Immunofluorescence
- Flow Cytometry

Gene Info — CD74

Entrez GeneID	972
Protein Accession#	P044233
Gene Name	CD74
Gene Alias	DHLA3, HLADG, Ia-GAMMA
Gene Description	CD74 molecule, major histocompatibility complex, class II invariant chain
Omim ID	142790
Gene Ontology	Hyperlink
Gene Summary	major histocompatibility complex
Other Designations	CD74 antigen CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) HLA-DR-gamma Ia-associated invariant chain MHC HLA-DR gamma chain gamma chain of class II antigens

Publication Reference

- [Immunohistochemical analysis of human lymphomas with monoclonal antibodies to B cell and Ia antigens reactive in paraffin sections.](#)
Marder RJ, Variakojis D, Silver J, Epstein AL.
Laboratory Investigation 1985 May; 52(5):497.

- [Two new monoclonal antibodies \(LN-1, LN-2\) reactive in B5 formalin-fixed, paraffin-embedded tissues with follicular center and mantle zone human B lymphocytes and derived tumors.](#)

Epstein AL, Marder RJ, Winter JN, Fox RI.

Journal of Immunology 1984 Aug; 133(2):1028.

Pathway

- [Antigen processing and presentation](#)

Disease

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)