

CD74 monoclonal antibody, clone M-B741

Catalog # MAB6922 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native CD74.
Immunogen	Native purified CD74 from RPMI 1788 cell line.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium phosphate buffer, 100 mM potassium Chloride, 150 mM NaCl, pH 7.5 (0.5 mg/mL gentamicin sulfate)
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

Gene Info — CD74

Entrez GeneID	972
Gene Name	CD74

Gene Alias	DHLA, 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

- [Inhibition of invariant chain \(Ii\)-calnexin interaction results in enhanced degradation of Ii but does not prevent the assembly of alpha beta Ii complexes.](#)

Romagnoli P, Germain RN.

The Journal of Experimental Medicine 1995 Dec; 182(6):2027.

Application: IP, Monkey, Mouse, COS cells, Mouse spleen cells

Pathway

- [Antigen processing and presentation](#)

Disease

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