

CD74 mouse mAb(ABT-CD74)

Catalog No :	YM6298
Reactivity :	Human
Applications :	IHC-p,IF(paraffin section)
Gene Name :	CD74 DHLAG
Protein Name :	CD74
Human Gene Id :	972
Human Swiss Prot No :	P04233
Immunogen :	Synthesized peptide derived from human CD74
Specificity :	This antibody detects endogenous levels of human CD74. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Mouse/IgG1, Kappa
Dilution :	IHC-p 1:100-500
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Storage Stability :	-20°C/1 year
Background :	CD74 molecule(CD74) Homo sapiens The protein encoded by this gene associates with class II major histocompatibility complex (MHC) and is an important chaperone that regulates antigen presentation for immune response. It also serves as cell surface receptor for the cytokine macrophage migration inhibitory factor (MIF) which, when bound to the encoded protein, initiates survival pathways and cell proliferation. This protein also interacts with amyloid precursor protein (APP) and suppresses the production of amyloid beta (Abeta). Multiple alternatively spliced transcript variants encoding different isoforms have been

identified. [provided by RefSeq, Aug 2011],

Function :

function:Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to compartments where peptide loading of class II takes place.,similarity:Contains 1 thyroglobulin type-1 domain.,subunit:Nonamer composed of three alpha/beta/gamma heterotrimers.,

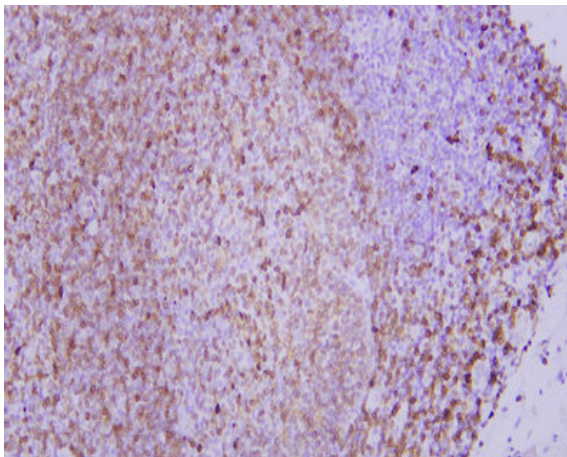
Subcellular Location :

Cytoplasmic, Membranous

Expression :

B-cell lymphoma,Liver,Tonsil,

Products Images



Immunohistochemical analysis of paraffin-embedded Tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, TRIS-EDTA of pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).