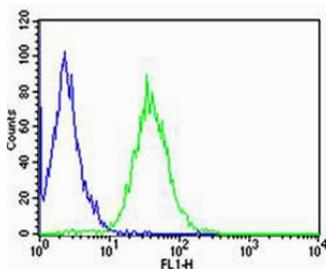


## CD74 Antibody [clone 1267CT820.116.140.154] (F52443)

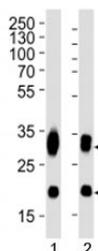
Catalog No.	Formulation	Size
F52443-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52443-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, k
<b>Clone Name</b>	1267CT820.116.140.154
<b>Purity</b>	Purified
<b>UniProt</b>	P04233
<b>Applications</b>	Flow Cytometry : 1:25 Western Blot : 1:1000
<b>Limitations</b>	This CD74 antibody is available for research use only.



Flow cytometric analysis of Raji cells using CD74 antibody (green) and an isotype control of mouse IgG2b (blue); Ab was diluted at 1:25 dilution.



Western blot analysis of lysate from 1) Daudi and 2) Raji cell line using CD74 antibody at 1:1000.

## Description

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 the endosomal/lysosomal system where the antigen processing and binding of antigenic peptides to MHC class II takes place. Serves as cell surface receptor for the cytokine MIF.

## Application Notes

Titration of the CD74 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This CD74 antibody was produced from a mouse immunized with a KLH conjugated synthetic peptide between 1-232 amino acids from human protein.

## Storage

Aliquot the CD74 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.