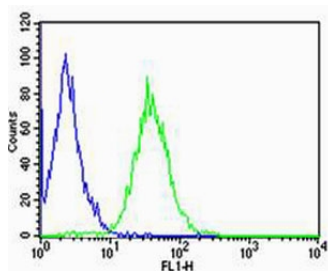


## CD74 Antibody [clone 1267CT820.116.140.154] (F52443)

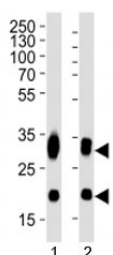
| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F52443-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F52443-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

|                           |                                                        |
|---------------------------|--------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                      |
| <b>Species Reactivity</b> | Human                                                  |
| <b>Format</b>             | Purified                                               |
| <b>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<br>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.