

CD74 Conjugated Antibody

Catalog No: #C49365



Package Size: #C49365-AF350 100ul #C49365-AF405 100ul #C49365-AF488 100ul
 #C49365-AF555 100ul #C49365-AF594 100ul #C49365-AF647 100ul
 #C49365-AF680 100ul #C49365-AF750 100ul #C49365-Biotin 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

| | |
|-----------------------|--|
| Product Name | CD74 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Species Reactivity | Hu |
| Immunogen Description | recombinant protein |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | CD 74 antibody CD74 antibody CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) antibody CD74 antigen antibody CD74 molecule antibody CD74 molecule, major histocompatibility complex, class II invariant chain antibody CLIP antibody DHLAG antibody Gamma chain of class II antigens antibody HG2A_HUMAN antibody HLA class II histocompatibility antigen gamma chain antibody HLA DR antigens associated invariant chain antibody HLA DR gamma antibody HLA-DR antigens-associated invariant chain antibody HLA-DR-gamma antibody HLADG antibody HLADR antigens associated invariant chain antibody Ia antigen associated invariant chain antibody Ia antigen-associated invariant chain antibody Ia associated invariant chain antibody Ia gamma antibody Ii antibody Invariant polypeptide of major histocompatibility complex class II antigen associated antibody Ia-gamma antibody Major histocompatibility complex class II invariant chain antibody MHC HLA DR gamma chain antibody MHC HLA-DR gamma chain antibody p33 antibody p35 antibody Protein 41 antibody |
| Accession No. | Swiss-Prot#:P04233 |
| Uniprot | P04233 |
| GeneID | 972; |
| Excitation Emission | AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm |
| Calculated MW | 34 kDa |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The human histocompatibility leukocyte antigen (HLA) class II-associated invariant chain is composed of at least four polypeptides. One of these polypeptide chains is expressed as a membrane-bound subunit and has been designated CD74. The loading of peptide onto the class II MHC protein (MHC II) appears to be regulated by CD74, which associates with MHC II during its migration to the endosomal compartment, where class II binds peptide. CD74 is expressed by cells of both T lymphocyte and B lymphocyte lineages. In fact, CD74 is broadly expressed in normal B lymphocytes, regardless of their histocompatibility leukocyte antigen (HLA) phenotype, while a subset of peripheral T lymphocytes that are MHC II negative do not express CD74.

Note: This product is for in vitro research use only