# Mouse anti-Human CD45, Purified mAbConjugated Antibody

Catalog No: #C28141

**SAB®**
Signalway Antibody

**Package Size:** #C28141-AF350 100ul #C28141-AF405 100ul #C28141-AF488 100ul

#C28141-AF555 100ul #C28141-AF594 100ul #C28141-AF647 100ul

#C28141-AF680 100ul #C28141-AF750 100ul #C28141-Biotin 100ul

## Description

| | |
|---|---|
| Product Name | Mouse anti-Human CD45, Purified mAbConjugated Antibody |
| Host Species | Mouse |
| Clonality | Monoclonal |
| Species Reactivity | Hu |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| 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 |
| 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

4AA9 reacts with CD45, a 180-220 kDa leukocyte common antigen (LCA). CD45 antigen is expressed at high levels on all hematopoietic cells including T and B lymphocytes, monocytes, granulocytes, NK cells and dendritic cells, but is not expressed on non-hematopoietic cells. CD45 antibody has also been reported to react weakly with mature blood erythrocytes and platelets. CD45 is a protein tyrosine phosphatase receptor that is critically important for T and B cell antigen receptor-mediated activation.

*Target of immunosuppresive antibody treatment.

Note: This product is for in vitro research use only