

Datasheet for ABIN6654151  
**anti-CD2AP antibody (AA 253-337)**



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## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                                                    |
| Target:              | CD2AP (Cd2ap)                                                                                             |
| Binding Specificity: | AA 253-337                                                                                                |
| Reactivity:          | Human                                                                                                     |
| Host:                | Mouse                                                                                                     |
| Clonality:           | Monoclonal                                                                                                |
| Conjugate:           | This CD2AP antibody is un-conjugated                                                                      |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                 |
|---------------|-------------------------------------------------------------------------------------------------|
| Immunogen:    | Amino acids K253-K337 from the human protein were used as the immunogen for the CD2AP antibody. |
| Clone:        | 5F8                                                                                             |
| Isotype:      | IgG1                                                                                            |
| Purification: | Protein G affinity                                                                              |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | CD2AP (Cd2ap)                            |
| Alternative Name: | CD2AP ( <a href="#">Cd2ap Products</a> ) |

## Target Details

**Background:** CD2-associated protein is a protein that in humans is encoded by the CD2AP gene. This gene encodes a scaffolding molecule that regulates the actin cytoskeleton. The protein directly interacts with filamentous actin and a variety of cell membrane proteins through multiple actin binding sites, SH3 domains, and a proline-rich region containing binding sites for SH3 domains. The cytoplasmic protein localizes to membrane ruffles, lipid rafts, and the leading edges of cells. It is implicated in dynamic actin remodeling and membrane trafficking that occurs during receptor endocytosis and cytokinesis. Haploinsufficiency of this gene is implicated in susceptibility to glomerular disease.

**UniProt:** [Q9Y5K6](#)

## Application Details

**Application Notes:** Optimal dilution of the CD2AP antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL,IHC (FFPE): 1-2 µg/mL,FACS: 1-3 µg/10<sup>6</sup> cells

**Restrictions:** For Research Use only

## Handling

**Buffer:** 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

**Storage:** -20 °C

**Storage Comment:** After reconstitution, the CD2AP antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.