

## Product datasheet for **TA397530**

### CD2AP Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>WB:</b> 1ug/ml <b>ELISA:</b> 1: 10,000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Anti-CD2AP pY 4-8-10 affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a phosphorylated synthetic peptide at Tyr-4-8-10 at the N-terminal of human CD2AP protein.
Specificity:	Anti-CD2AP pY4-8-10 was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with human based on 100% sequence homology. Cross-reactivity with CD2AP from other sources has not been determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0mg/mL - lot specific
Conjugation:	Unconjugated
Storage:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	<a href="#">Q9Y5K6</a>



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- Background:** CD2-associated protein appears to act as an adapter protein between membrane proteins and the actin cytoskeleton. It may also be a factor in receptor clustering and cytoskeletal polarity between T-cell and antigen-presenting cell. It seems it could also anchor the podocyte slit diaphragm to the actin skeleton in renal glomerulus. It is required for cytokinesis. CD2AP is widely expressed in fetal and adult tissue, localized in the cytoplasm of cells. Anti-CD2AP pY4-8-10 Antibody is ideal for investigators interested in Signal Transduction research.
- Synonyms:** rabbit anti-CD2AP pY 4-8-10 Antibody, Adapter protein CMS, CD2AP, CD2-associated protein, Cas ligand with multiple SH3 domains, rabbit anti-CD2AP phosphorylated antibody
- Note:** Anti-CD2AP antibody is useful for ELISA, Immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~71kDa corresponding to the appropriate cell lysate or extract.