

**DATASHEET**

**ACP5 Rabbit Monoclonal Antibody(C1401)**

CAT. NO. AMA01013

**KEY FEATURES**

|               |  |               |              |
|---------------|--|---------------|--------------|
| Target        | ACP5   | Source / Host | Rabbit       |
| Reactivity    | Human, Mouse, Rat  | Clonality     | Monoclonal   |
| Applications  | WB   | Conjugation   | Unconjugated |
| Form / Buffer | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. | Storage       | at-20°C      |

**BACKGROUND**

Involved in osteopontin/bone sialoprotein dephosphorylation. Its expression seems to increase in certain pathological states such as Gaucher and Hodgkin diseases, the hairy cell, the B-cell, and the T-cell leukemias.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

|    |                |
|----|----------------|
| WB | 1:500 - 1:1000 |
|----|----------------|

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

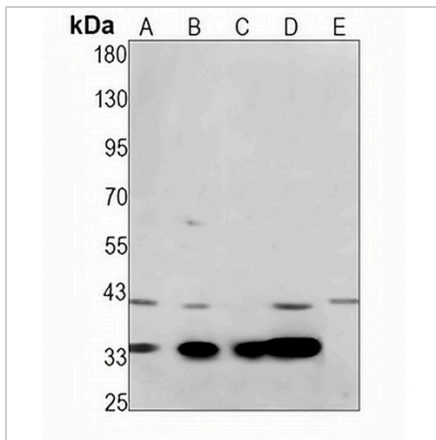
|                   |  |
|-------------------|--|
| Description       | Recombinant rabbit monoclonal antibody to ACP5   |
| Specificity       | Recognizes endogenous levels of ACP5 protein   |
| Antibody Type     | Primary antibody, Recombinant  |
| Immunogen         | KLH-conjugated synthetic peptide encompassing a sequence within human ACP5 protein. The exact sequence is proprietary. |
| Purification      | The antibody was purified by immunogen affinity chromatography.  |
| Molecular Weight  | Predicted: 36 kD; Observed: 35,42 kD   |
| Form/Buffer       | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                       |
| Alternative Names | Tartrate-resistant acid phosphatase type 5; TR-AP; Tartrate-resistant acid ATPase; TrATPase; Type 5 acid phosphatase   |
| Gene Symbol       | ACP5   |
| Entrez Gene       | 54(Human); 11433(Mouse); 25732(Rat)  |
| SwissProt         | P13686(Human); Q05117(Mouse); P29288(Rat)  |

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of ACP5 expression in K562 (A), A431 (B), mouse liver (C), mouse kidney (D), rat kidney (E) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 35,42 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.