

ATP1A1 Monoclonal Antibody (M7-PB-E9)

| Product Details | |
|--------------------|---|
| Size | 400 µL |
| Species reactivity | Bovine, Dog, Chicken, Human, Mouse, Sheep, Pig, Rat |
| Published species | Dog, Human, Mouse, Rabbit, Rat, Sheep |
| Host / Isotype | Mouse / IgG1 |
| Class | Monoclonal |
| Type | Antibody |
| Clone | M7-PB-E9 |
| Conjugate | Unconjugated |
| Immunogen | Purified alpha sodium/potassium ATPase from sheep kidney. |
| Form | Liquid |
| Concentration | 1.87 mg/mL |
| Purification | Protein A |
| Storage buffer | PBS with 1mg/mL BSA |
| Contains | 0.05% sodium azide |
| Storage conditions | -20° C, Avoid Freeze/Thaw Cycles |
| RRID | AB_2060976 |

| Applications | Tested Dilution | Publications |
|---|-----------------|-----------------|
| ELISA (ELISA) | Assay-dependent | - |
| Flow Cytometry (Flow) | - | 1 Publication |
| Immunocytochemistry (ICC/IF) | Assay-dependent | 3 Publications |
| Immunohistochemistry (IHC) | - | 6 Publications |
| Immunohistochemistry (Frozen) (IHC (F)) | - | 1 Publication |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1:100 | 1 Publication |
| Immunomicroscopy (IM) | - | 1 Publication |
| Immunoprecipitation (IP) | Assay-dependent | - |
| Western Blot (WB) | 1:500-1:5,000 | 15 Publications |

Product Specific Information

MA3-928 detects sodium/potassium ATPase alpha from human, mouse, bovine, sheep, canine, chicken and porcine tissues. This antibody detects the alpha 3 isoform in rat only.

MA3-928 has been successfully used in Western blot, immunohistochemistry, immunoprecipitation, immunocytochemistry, immunofluorescence, and ELISA procedures. By Western blot, this antibody detects an ~110 kDa protein representing alpha sodium/potassium ATPase from MDCK cell extract. Immunohistochemical staining of alpha sodium/potassium ATPase in porcine heart with MA3-928 yields a pattern consistent with the plasma membrane localization.

The MA3-928 antigen is purified sheep kidney alpha sodium/potassium ATPase. This antibody recognizes an epitope between amino acid residues 646 and 652 of the sheep kidney alpha sodium/potassium ATPase.

Visit thermofisher.com to view references and figures.

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