

Product datasheet for **AM32073PU-N**

alpha 1 Spectrin (SPTA1) Mouse Monoclonal Antibody [Clone ID: AF10]

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | AF10 |
| Applications: | IF, IHC, IP, WB |
| Recommended Dilution: | Western blotting: at least 1/1000 dilution. Immunoprecipitation. Immunocytochemistry on Frozen Sections. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Ghost proteins of Human red blood cells. Hybridoma produced by fusion between myeloma cells and Balb/c spleen cells. |
| Specificity: | The antibody clone <i>AF10</i> is specific to the 240kD Erythroid alpha-Spectrin. This antibody is suitable for Various immunochemical reactions to detect Erythroid Spectrins, Identification of Erythroid leukemias (Ref.1). |
| Formulation: | PBS State: Purified State: Liquid purified Ig fraction Stabilizer: 1.0% BSA Preservative: 0.09% Sodium Azide |
| Concentration: | lot specific |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | spectrin alpha, erythrocytic 1 |
| Database Link: | Entrez Gene 6708 Human P02549 |



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Background:

Erythroid spectrins, some other proteins of erythroid cytoskeleton, and the transmembrane protein band 3 are highly specific for erythrocytes and their progenitors. They are more reliable markers for erythroid differentiation than Glycophorin A, the commonly used marker for erythroid differentiation, because Glycophorin A is expressed also in many cell lines otherwise exhibiting mainly megakaryotic characteristics.

Synonyms:

SPTA, Erythroid alpha-spectrin