

Product datasheet for **AM32072PU-N**

beta 1 Spectrin (SPTB) Mouse Monoclonal Antibody [Clone ID: DB2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DB2
Applications:	IF, 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 beta, erythrocytic
Database Link:	Entrez Gene 6710 Human P11277



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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: Beta-I spectrin, SPTB1