



[Go to Product page](#)

Datasheet for ABIN1109122

anti-Spectrin beta Chain, Erythrocyte (SPTB) antibody

Overview

Quantity:	0.1 mg
Target:	Spectrin beta Chain, Erythrocyte (SPTB)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	Ghost proteins of Human red blood cells. Hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.
Clone:	DB2
Isotype:	IgG1
Specificity:	The antibody clone AF10 is specific to the 240 kDa Erythroid alpha-Spectrin. This antibody is suitable for Various immunochemical reactions to detect Erythroid Spectrins, Identification of Erythroid leukemias (Ref.1).
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Purified

Target Details

Target:	Spectrin beta Chain, Erythrocyte (SPTB)
Alternative Name:	Spectrin beta Chain (Erythrocyte) / SPTB (SPTB Products)

Target Details

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
Gene ID:	6710
NCBI Accession:	NP_000338
UniProt:	P11277
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.1 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide, 1.0 % BSA
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.