

## DATA SHEET

PRODUCT NAME AND CLONE:	The original BIOHIT Monoclonal antibody against <b>ERYTHROID <math>\beta</math>-SPECTRIN</b> , Clone DB2.
HOST:	Mouse
IMMUNOGEN:	Monoclonal antibody to erythroid $\beta$ -spectrin is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells. Ghost proteins of human red blood cells were used as immunogen.
CLASS AND SUBCLASS:	IgG <sub>1</sub>
PRODUCT SPECIFICITY:	The antibody is specific to the Mr 220 000 human erythroid $\beta$ -spectrin. Protein is also present in the membranes of human skeletal muscle cells.
PRODUCT CODE:	610024: 100 $\mu$ g/ml vial 100 $\mu$ g 610051: 100 $\mu$ g/ml vial 1 mg
PRODUCT BUFFER:	PBS solution containing 1.0% (w/v) BSA and 0.09% (w/v) NaN <sub>3</sub> .  Other MAb concentrations and buffer compositions are available upon request.
STORAGE:	2 to 8°C
APPLICATIONS:	Various immunochemical reactions to detect erythroid spectrins. Identification of erythroid leukemias. Can be used also to monitor the integrity of muscle cell plasma membranes. Works in immunoprecipitation, western blotting and immunocytochemistry.
GUIDELINES FOR DILUTIONS:	Working dilution in western blotting is at least 1:1000.
REFERENCES:	<ol style="list-style-type: none"><li>1. Auranen M. et al. (2000) Neuromusc. Disord. 10, 16–23.</li><li>2. Tani T. et al. (1996) Exp. Hematol. 24: 24, 158–168.</li></ol>

The product is for research use and further manufacturing only. Use in human clinical diagnostics is the responsibility of the user.

DS24 ver 8