## **Datasheet**

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

CATALOGUE #: 4S37

PRODUCT NAME: Monoclonal mouse anti-human S100 proteins

**MAbs** *in vitro*: 8B10cc, 6G1cc **MAbs** *in vivo*: 3B10, 4B3

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of

Balb/c mice immunized with human brain S100 proteins.

**Specificity:** MAbs 8B10cc, 6G1cc and 4B3 are specific to S100BB and S100A1B.

MAb 3B10 is specific to S100BB.

MAb isotypes: IgG1 for MAbs 8B10cc, 6G1cc

IgG2a for MAbs 3B10, 4B3

**Applications:** S100 immunoassay and immunoaffinity purification (except MAb 4B3).

All MAbs are working in Western blotting.

Recommended pairs for sandwich immunoassay (capture-detection):

8B10cc – 6G1cc 3B10 – 6G1cc

MAbs 8B10cc, 3B10 and especially 6G1cc are sensitive to EDTA or other bivalent-binding agents.

Better performance can be obtained in presence of 5 mM CaCl<sub>2</sub> in the assay buffers.

Purification: Protein A chromatography

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

**Storage:** +4 °C (+2 ... +8 °C allowed)

Material This product is sold for research or further manufacturing use only. Standard Laboratory Practices safety note: should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small

appropriate care must be taken when handling this product.

