

CATALOGUE #: 4S37

PRODUCT NAME: Monoclonal mouse anti-human S100 proteins

MAbs *in vitro*: **8B10cc, 6G1cc**
Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

MAbs *in vivo*: **3B10, 4B3**
Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Human brain S100 proteins

Specificity: 8B10cc, 6G1cc and 4B3 are specific to S100BB and S100A1B.
3B10 is specific to S100BB.

MAb isotypes: **IgG1** for 8B10cc, 6G1cc
IgG2a for 3B10, 4B3

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

MAbs are working in Western blotting.

Recommended pairs for sandwich immunoassay:

Capture	Detection
8B10cc	6G1cc
3B10	6G1cc

8B10cc, 3B10 and especially 6G1cc are sensitive to EDTA or other bivalent-binding agents. Better performance can be obtained in presence of 5 mM CaCl₂ in the assay buffers.

Purification: Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices 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.