

**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 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.