



DataSheet

CATALOGUE #: 1E4 / 1E4cc

PRODUCT NAME: Monoclonal mouse anti-human IgE

MAbs *in vitro*
(Cat.# 1E4cc): 4F4cc, 5D4cc, E411cc

MAbs *in vivo*
(Cat.# 1E4): XTE4, 4H10

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with IgE from myelomatous human serum

Specificity:
4F4cc: IgE Cε3-domain specific
5D4cc: IgE Cε2-domain specific
E411cc: class specific for human IgE, Fc-region specific
XTE4: epsilon chain specific

MAb isotypes:
IgG1 for 4F4cc, E411cc, XTE4, 4H10
IgG2a for 5D4cc

Purification:
Protein A chromatography for 4F4cc, 5D4cc, E411cc, 4H10
Ion exchange chromatography for XTE4

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.

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