



# 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 (NaN<sub>3</sub>) for 4F4cc, 5D4cc, E411cc, 4H10  
0.15 M NaCl, 10 mM Tris, pH 7.5, 0.05 % sodium azide (NaN<sub>3</sub>) for XTE4

**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.

**HyTest Ltd.**

Intelligent 1, 6th floor, Joukahaisenkatu 6  
FI-20520 Turku FINLAND  
www.hytest.fi | hytest@hytest.fi