

**CATALOGUE #:** 4F16

**PRODUCT NAME:** Monoclonal anti-human alpha-fetoprotein

**Recombinant MAbs:** RP13

Recombinant monoclonal antibody expressed in a mammalian cell line.

**MAbs *in vitro*:** 5H7cc, 4A3cc

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

**Immunogen:** Purified human alpha-fetoprotein

**Specificity:** MAbs react with different determinants of human alpha-fetoprotein.  
MAbs do not cross-react with human albumin.

**MAb isotypes:** IgG1 for RP13, 5H7cc, 4A3cc

**Applications:** We recommend the following pair in sandwich immunoassay:

| Capture | Detection |
|---------|-----------|
| RP13    | 5H7cc     |
| 4A3cc   | 5H7cc     |

**Purification:** Protein A chromatography

**Presentation:** 50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN<sub>3</sub>) for 5H7cc  
PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>) for RP13, 4A3cc

**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.