

Anti-AFP Chimeric Recombinant Rabbit Monoclonal Antibody

HDAB0239



Product Information

Product SKU:

HDAB0239

Size:

100 µg

Reactivity:

Human

Application:

Flow Cyt

Form:

Powder

Host:

Rabbit

Clonality:

Monoclonal

Clone

DMC281

Antibody Information

Description:

This gene encodes alpha-fetoprotein, a major plasma protein produced by the yolk sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatocarcinoma and with teratoma, and has prognostic value for managing advanced gastric cancer. However, hereditary persistence of alpha-fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.

Synonyms:

AFPD, FETA, HPAFP

Purification Method

Purified from cell culture supernatant by affinity chromatography

Isotype:

Rabbit/Human Fc chimeric IgG1

Recommended Dilution:

Flow Cyt 1:100

Buffer:

1XPBS

Storage:

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

Usage:

Research use only

Expiry:

12 months after dispatch