

# Anti-Human alpha-Fetoprotein/AFP-150Nd

Catalog: 3150025B

Clone: 189506

Package Size: 100 tests

Isotype: Mouse IgG1

Storage: Store product at 4°C. Do not freeze.

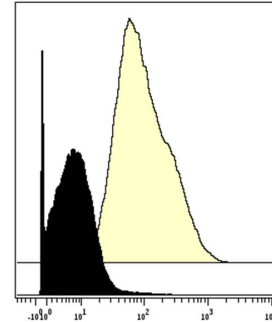
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Reactivity: Human,

## Technical Information

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to 3 X 10<sup>6</sup> live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Alpha-Fetoprotein/AFP (189506) – 150Nd

Human HepG2 cells (top) and human Jurkat cells (bottom) were fixed, permeabilized, and stained with 150Nd-anti-alpha-Fetoprotein/AFP (189506). Total viable cells are displayed in analysis.

## Description

Alpha-Fetoprotein (AFP) is 69-73 kDa glycoprotein, synthesized by the cells of the embryonic yolk sac, fetal liver and fetal intestinal tract. AFP levels in amniotic fluid have been used as biomarkers for anencephaly and spina bifida. It has also been shown that elevated serum AFP levels in adult plasma are predictive of hepatocellular carcinoma.

## References

Bandura, D. R., et al. Mass Cytometry: Technique for Real Time Single Cell Multitarget Immunoassay Based on Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. *Analytical Chemistry* 81:6813-6822, 2009.

Ornatsky, O. I., et al. **Highly Multiparametric Analysis by Mass Cytometry.** *J Immunol Methods* 361 (1-2):1-20, 2010.

## For technical support visit [fluidigm.com/support](http://fluidigm.com/support)

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