

# Human Hemoglobin F Antibody

Sheep Polyclonal Conjugate FITC

Antigen Affinity Purified

Catalog No. A80-136F

Lot No. 22

---

<b>APPLICATIONS</b>	IHC, ICC, IF
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	1 ml
<b>CONCENTRATION</b>	1 mg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
<b>FLUOROPHORE/PROTEIN</b>	4.8
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Sheep were immunized with purified human hemoglobin F of fetal cord blood cell origin. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to fluorescein isothiocyanate (FITC).

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with human hemoglobin F. No antibody was detected against hemoglobin A1, A2, S or human serum proteins.

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Immunohistochemistry 1:200 - 1:2,000

Immunocytochemistry 1:200 - 1:2,000

Immunofluorescence 1:200 - 1:2,000

**APPLICATION NOTES** Not all listed applications have been specifically tested by our laboratory.

**ADDITIONAL INFO** <https://www.fortislife.com/p/A80-136F>

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: April 10, 2023