

Human IgM–Fc Fragment Antibody

Goat Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A80–100P

Lot No. 49

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Human
AMOUNT	1 ml
CONCENTRATION	1 mg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro–Clean 400
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).

Prior to conjugation, immunoglobulin concentration was determined using Beer’s Law where 1 mg/mL IgG has an A280 of 1.4. Molar enzyme/antibody protein ratio is 4:1.

By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgM. Cross reactivity with other immunoglobulins and light chains is less than 1%. This antibody may cross react with IgM from other species.

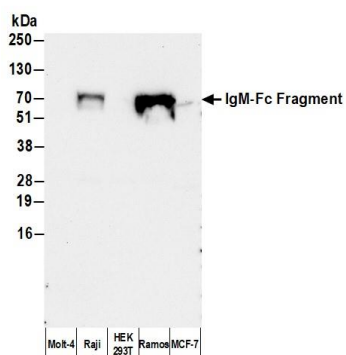
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:2000 – 1:20,000
Immunohistochemistry	1:200 – 1:2000
Immunocytochemistry	1:200 – 1:2000
ELISA	1:10,000 – 1:100,000

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

ADDITIONAL INFO <https://www.fortislife.com/p/A80–100P>
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: February 6, 2024

**Detection of human IgM-Fc Fragment by western blot.**

Samples: Whole cell lysate (50 µg) from Molt-4, Raji, HEK293T, Ramos, and MCF-7 cells prepared using NETN lysis buffer. *Antibody:* HRP-conjugated Goat anti-Human IgM-Fc Fragment Antibody (A80-100P) used for WB at 0.1 µg/ml. *Secondary:* None. *Detection:* Chemiluminescence with an exposure time of 30 seconds.