

Estrogen Receptor Alpha Monoclonal Antibody [119-13]

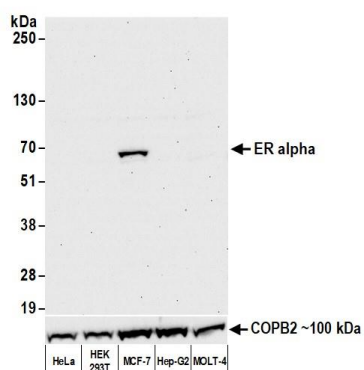
Mouse Monoclonal

Purified		Protein ID	NP_000116.2
Catalog No.	A500-026A	GeneID	2099
Lot No.	A500-026A-1		

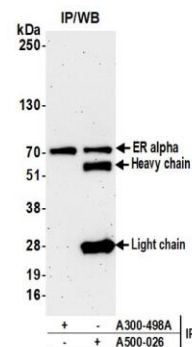


APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Human
AMOUNT	100 µl (50+ tests)
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
ISOTYPE	IgG1
CLONE #	119-13
ORIGIN	USA
PRODUCTION PROCEDURES	Monoclonal antibody was purified from cell culture supernatant. Immunogen was a recombinant protein representing human Estrogen Receptor Alpha.
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 1:1,000 Immunoprecipitation 6 µl/1 mg lysate Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
IHC HUMAN CONTROLS	Breast, Breast Carcinoma, MCF-7 Cells
ADDITIONAL INFO	https://www.bethyl.com/product/A500-026A Use the link above to view SDS, a current list of citations, and other product specific information.

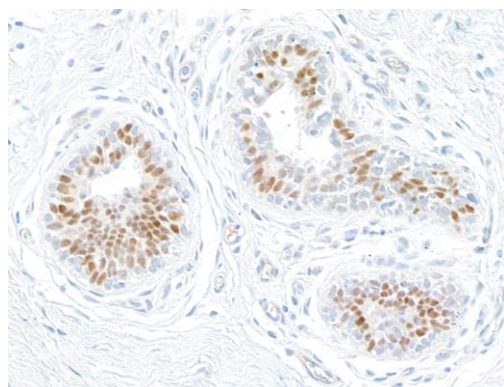
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: August 12, 2021



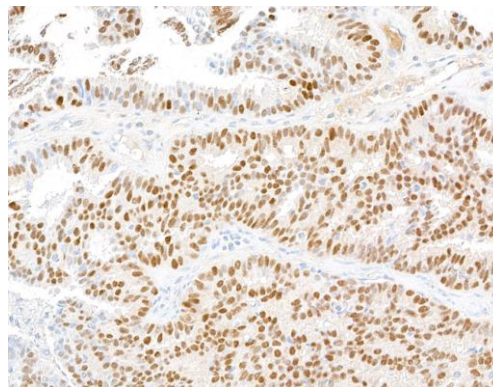
Detection of human Estrogen Receptor alpha by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, MCF-7, Hep-G2, and MOLT-4 cells prepared using NETN lysis buffer. *Antibody:* Mouse anti-Estrogen Receptor alpha monoclonal antibody [119-13] (A500-026 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



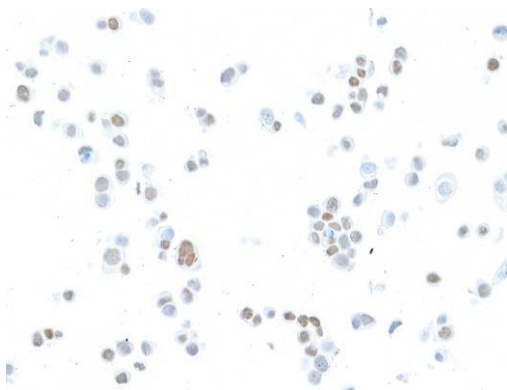
Detection of human Estrogen Receptor alpha by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from MCF7 cells prepared using NETN lysis buffer. *Antibodies:* Mouse anti-Estrogen Receptor alpha monoclonal antibody [119-13] (A500-026 lot 1) used for IP at 6 µg/mg lysate. Estrogen Receptor alpha was also immunoprecipitated by another anti-Estrogen Receptor alpha antibody against a different epitope (A300-498A). For blotting immunoprecipitated Estrogen Receptor alpha, A500-026 was used at 1:1000. Chemiluminescence with an exposure time of 3 minutes.



Detection of human Estrogen Receptor Alpha in FFPE breast carcinoma by immunohistochemistry. *Antibody:* Mouse anti-Estrogen Receptor Alpha monoclonal antibody [119-13] (A500-026A lot 1). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.



Detection of human Estrogen Receptor Alpha in FFPE breast carcinoma by immunohistochemistry. *Antibody:* Mouse anti-Estrogen Receptor Alpha monoclonal antibody [119-13] (A500-026A lot 1). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.



Detection of human Estrogen Receptor Alpha in FFPE MCF7 cells by immunocytochemistry. *Antibody:* Mouse anti-Estrogen Receptor Alpha monoclonal antibody [119-13] (A500-026A lot 1). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.