

ESR1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4106
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human ESR1 (AA: 2-185) expressed in E. Coli.
Mol wt	66.2kDa
Species reactivity	Human,Rat
Clonality	Monoclonal
Recommended application	WB,IHC,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	ER;ESR;Era;ESRA;ESTRR;NR3A1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

N/A

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

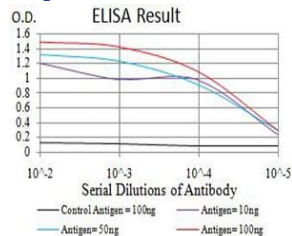
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

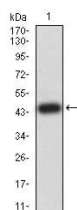
ELISA: 1:10000

Not yet tested in other applications.

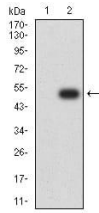
Images



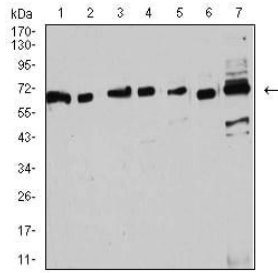
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



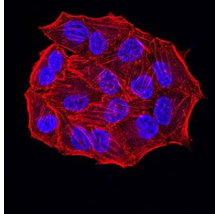
Western blot analysis using ESR1 mAb against human ESR1 (AA: 2-185) recombinant protein.
(Expected MW is 45.8 kDa)



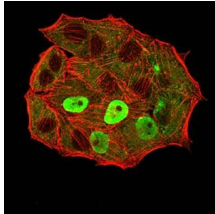
Western blot analysis using ESR1 mAb against HEK293 (1) and ESR1 (AA: 2-185)-hIgGfc transfected HEK293 (2) cell lysate.



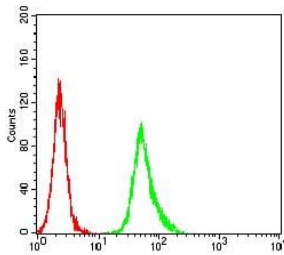
Western blot analysis using ESR1 mouse mAb against MOLT4 (1), Raji (2), MCF-7 (3), T47D (4), SK-Br-3 (5), HeLa (6), and C6 (7) cell lysate.



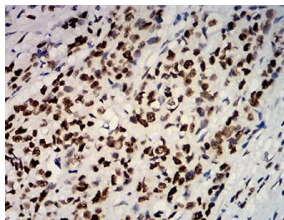
Immunofluorescence analysis of HeLa cells using ESR1 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



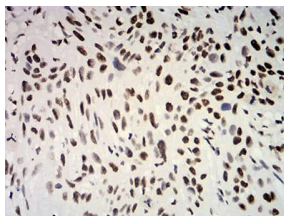
Immunofluorescence analysis of HeLa cells using ESR1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HeLa cells using ESR1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded breast cancer tissues using ESR1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using ESR1 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com