

PR Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2859
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of PR expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC
Concentration	N/A
Full name	N/A
Synonyms	PR;NR3C3;PGR

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

Background

PR(progesterone receptor), with 933-amino acid protein (about 110kDa), a member of the steroid receptor superfamily, mediates the physiologic effects of progesterone, PR is mediated by two functionally different isoforms of the progesterone receptor, the full length PR-B and the short form PR-A. The PR-A and PR-B proteins are 94 kDa and 114 kDa respectively. That are equimolar in the normal breast but dysregulated in advanced disease. PR is prognostic markers in breast cancers irrespective of the patient's progestational status Human progesterone.

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

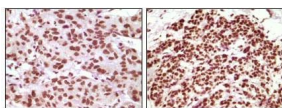
ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using PR mouse mAb against PR recombinant protein (1).



Immunohistochemical analysis of paraffin-embedded human infiltrating ductal carcinoma tissue(left) and simple carcinoma of breast cancer tissue(right), showing nuclear localization using PR mouse mAb with DAB staining.

Storage

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

