

phospho-Eralpha(Tyr-537) monoclonal antibody

Catalog: MB22078

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative promoter usage and alternative splicing result in dozens of transcript variants, but the full-length nature of many of these variants has not been determined.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

66.2kDa

Swiss-Prot:

P03372

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immuno-

gen and the purity is > 95% (by SDS-PAGE).

Applications:

FC:1/200 - 1/400

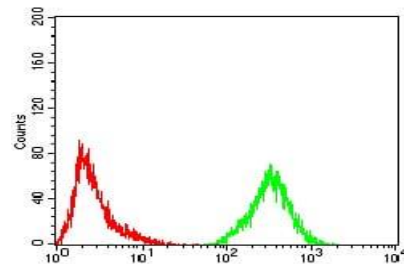
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:



Flow cytometric analysis of HeLa cells using Eralpha(Tyr-537) mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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