



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



Estrogen Receptor. Mouse Monoclonal Antibody

**BACKGROUND**

The human estrogen receptor has a molecular weight of 67 kDa and consists of 6 functional domains (domains A-F). Functional mapping of the estrogen receptor has determined a transcriptional promoting activity in the A/B domain. The hormone-binding domain (E domain) is located towards the carboxy terminal, whereas the DNA-binding domain (C domain) is found in the central portion of the molecule. It has been speculated that the presence in breast cancer cells of truncated forms of the estrogen receptor lacking the hormone-binding domain might promote the uncontrolled growth of the tumor.

**IMMUNOGEN**

Hybridoma produced by the fusion of splenocytes from mice immunized with purified estrogen receptors from calf uterus tumor and mouse myeloma cells.

**POSITIVE CONTROL/TISSUE EXPRESSION**

**COMMENTS**

Antibody can be used for staining of human and mouse frozen and paraffin tissue sections. Optimal concentration should be evaluated by serial dilutions.

**ORDERING INFORMATION**

**CATALOG NUMBER**

X1262M

**SIZE**

100 µg

**FORM**

Unconjugated

**HOST/CLONE**

Mouse Clone AER314

**FORMULATION**

Provided as solution in phosphate buffered saline with 0.08% sodium azide

**CONCENTRATION**

See vial for concentration

**ISOTYPE**

IgG1

**APPLICATIONS**

Immunoprecipitation, ELISA, Immunohistochemistry (Frozen &

**SPECIES REACTIVITY**

Human, Mouse

**ACCESSION NUMBER**

,

**PURIFICATION**

Protein A/G Chromatography

**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

**STORAGE CUSTOMER**

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

**STABILITY**

Products are stable for one year from purchase when stored properly

**REFERENCES**

1. Abbondanza, E., et al. "Characterization and epitope mapping of a new panel of monoclonal antibodies to estradiol receptor." Steroids 1993, 58, 4-12.