

SRA Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3935
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of SRA expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC
Concentration	N/A
Full name	N/A
Synonyms	SRAP;STRAA1

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

Background

Steroid receptor RNA activator 1 (SRA), with 237-amino acid protein (about 27kDa), belongs to the growing family of functional non-coding RNAs. SRA was originally described as the first functional noncoding RNA able to specifically coactivate the activity of steroid receptors. Specifically, SRA exists as both an RNA transcript that forms a complex with steroid receptor coactivator-1 and as a stably expressed protein. Its expression is strongly up-regulated in many human tumors of the breast, uterus, and ovary, suggesting a potential role in pathogenesis. Although coactivation of steroid-dependent transcription by SRA is accompanied by a proliferative response, overexpression is not in itself sufficient to induce tumorigenesis.

Recommended Dilution

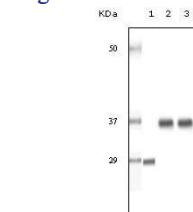
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

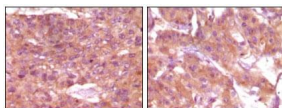
ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using SRA mouse mAb against truncated SRA recombinant protein (1), human ovary cancer tissue lysate (2) and A431 cell lysate (3).



Immunohistochemical analysis of paraffin-embedded human skin carcinoma (left) and breast carcinoma (right), showing cytoplasmic and membrane localization using SRA mouse mAb with DAB staining.

Storage

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

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