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Product datasheet for AM06125SU-N

SRA1 Mouse Monoclonal Antibody [Clone ID: 1D4H8]

Product data:

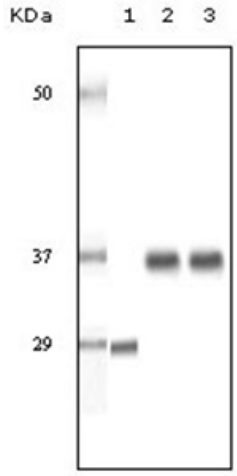
Product Type:	Primary Antibodies
Clone Name:	1D4H8
Applications:	IHC, WB
Recommended Dilution:	**ELISA:** 1/10000. **Western Blot:** 1/500 - 1/2000. **Immunohistochemistry on Paraffin Sections:** 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of SRA expressed in E. Coli.
Formulation:	State: Ascites State: Ascitic fluid Preservative: 0.03% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	steroid receptor RNA activator 1
Database Link:	Entrez Gene 10011 Human Q9HD15

View online »

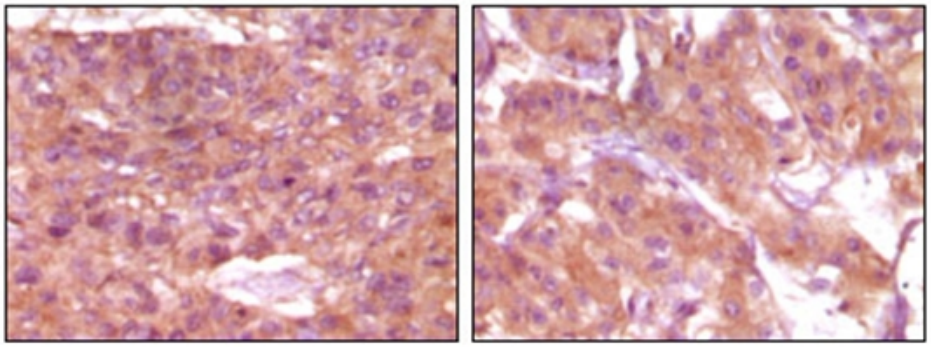
Background: Steroid receptor RNA activator 1 (SRA), with 237-amino acid protein (about 27kDa), belongs to the growing family of functional non-coding RNAs. SRA was originally described as the first functional noncoding RNA able to specifically coactivate the activity of steroid receptors. Specifically, 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 turmorigenesis.

Synonyms: Steroid receptor RNA activator 1

Product images:



Western blot analysis using SRA antibody Cat.-No AM06125SU-N against truncated SRA recombinant protein (Lane 1), human ovary cancer tissue lysate (LAne 2) and A431 cell lysate (Lane 3).



Immunohistochemical analysis of paraffin-embedded human skin carcinoma (left) and breast carcinoma (right), showing cytoplasmic and membrane localization using SRA antibody cat.-No AM06125SU-N with DAB staining.