

Product datasheet for **TA321964S**

ADAMTS18 Rabbit Polyclonal Antibody

Product data:

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|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | IHC: 50-200 Positive control: Human breast cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein corresponding to C terminal 250 amino acids of human ADAM metalloproteinase with thrombospondin type 1 motif, 18 |
| Formulation: | PBS pH7.3, 0.05% NaN ₃ , 50% glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | ADAM metalloproteinase with thrombospondin type 1 motif 18 |
| Database Link: | NP_955387 Entrez Gene 208936 Mouse Entrez Gene 170692 Human Q8TE60 |
| Background: | This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene has a high sequence similarity to the protein encoded by gene ADAMTS16, another family member. It is thought to function as a tumor suppressor. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined. |

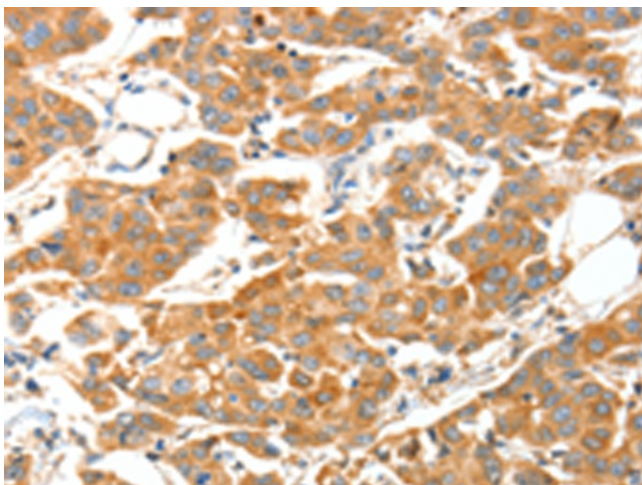


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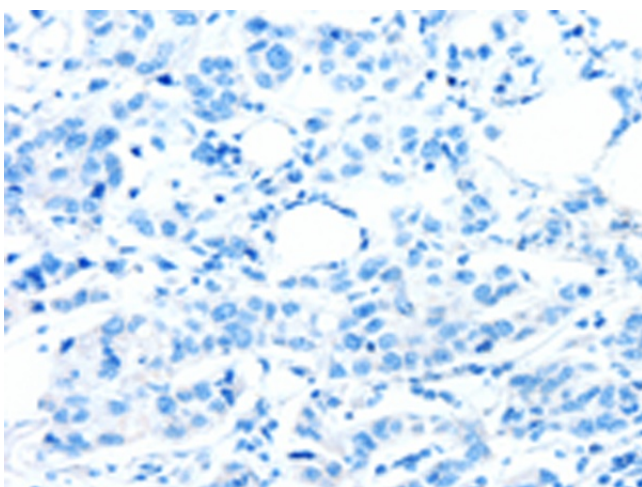
Synonyms: ADAMTS21; KNO2; MMCAT

Protein Families: Protease, Secreted Protein

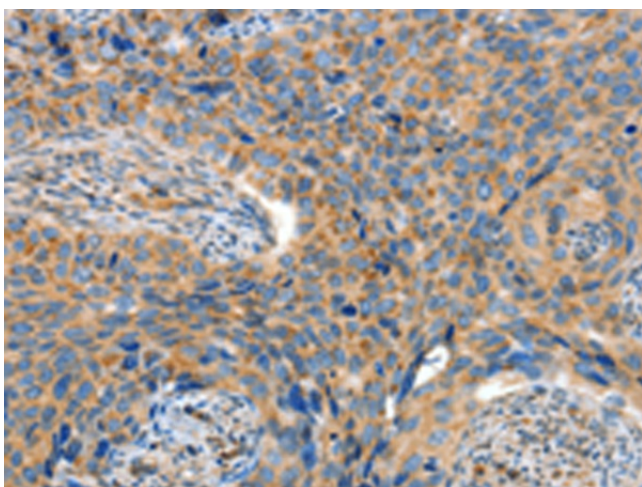
Product images:



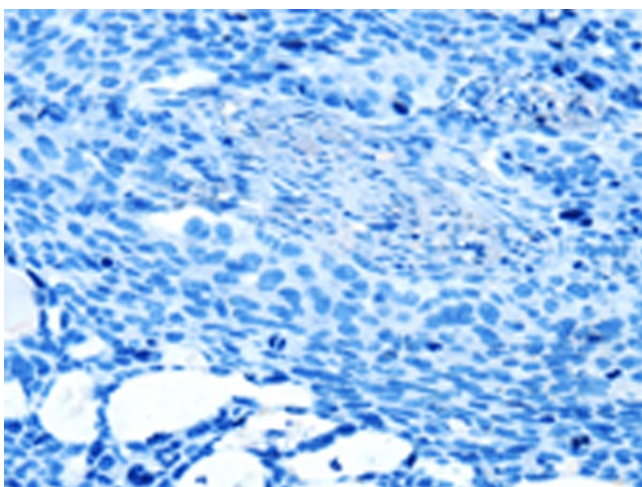
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA321964] (ADAMTS18 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA321964] (ADAMTS18 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA321964] (ADAMTS18 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA321964] (ADAMTS18 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)