

Anti-SAMD3 antibody

Cat. No.	ml123091
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-SAMD3 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human SAMD3
Reactivity	Human
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	SAMD3
Full name	sterile alpha motif domain containing 3
Synonyms	
Swissprot	Q8N6K7

Target Background

The sterile alpha motif (SAM) domain is a 70 residue structure found in a large number of proteins involved in diverse processes present throughout the eukaryotes. The SAM domain is known to bind RNA and is arranged in a small five-helix bundle with two large interfaces. There are three isoforms of SAMD3 produced by alternative splicing. The isoform 1 has been chosen as the canonical sequence. All positional information in this entry refers to it. The sequence of isoform 2 differs from the canonical sequence as follows: 219-221: FLW → AGV; 222-520: Missing. And the sequence of isoform 3 differs from the canonical sequence as follows: 1-1: M → MRSSKLQSPSPSQEKQGVYLLQETAM.

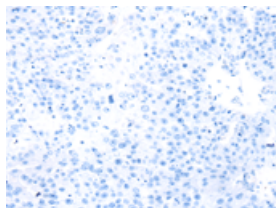
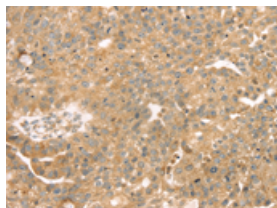
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human breast cancer

Recommended dilution: 25-100

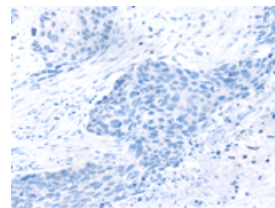
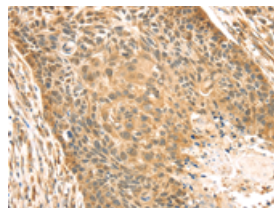


The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml123091(SAMD3 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml123091(SAMD3 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 2000-5000

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