

Rabbit Anti-Thymosin Alpha-1/PE Conjugated antibody

SL0226R-PE

Product Name	Anti-Thymosin Alpha-1/PE
Chinese Name	PE 标记的胸腺肽 α 1 抗体
Alias	Prothymosin alpha (gene sequence 28); Prothymosin alpha; Prothymosin alpha like 1 protein; Thymalfasin; Thymosin alpha 1 acetate; Thymosin alpha 1; Thymosin alpha; TMSA; PTMA; PTMA_HUMAN.
Research Area	Tumour immunology Endocrinopathy
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Cow) ICC/IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	12kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Thymosin Alpha-1(2-29/112)
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: The thymus gland produces several hormones or hormone-like substances which are derived from a polypeptide precursor containing (in the rat) 113 amino acids and known as prothymosin alpha. A peptide containing 28 amino

acid residues, named thymosin alpha 1, was originally isolated from calf thymosin fraction 5 and shown to restore various aspects of immune function in several in vitro and in vivo test systems. Thymosin alpha 1 was subsequently isolated from a similar fraction from human thymosin and reported to have the same amino acid sequence as bovine thymosin alpha 1.

Function:

Prothymosin alpha may mediate immune function by conferring resistance to certain opportunistic infections.

Subcellular Location:

Nucleus.

Post-translational modifications:

Covalently linked to a small RNA of about 20 nucleotides.

Similarity:

Belongs to the pro/parathymosin family.

Database links:

[Entrez Gene: 5757](#) Human

[Omim: 188390](#) Human

[SwissProt: P06454](#) Human

[Unigene: 459927](#) Human

[Unigene: 708083](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

胸腺素 α -1; 胸腺肽