

Product datasheet PS210

**MONOSAN**<sup>®</sup>

Polyclonal Rabbit anti-Substance P 4-11

Clone no. -

MONOSAN

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Product name	Polyclonal Rabbit anti-Substance P 4-11
Host	Rabbit
Applications	IHC-fr, IHC-P (1:400-1:800)
Species reactivity	Human, Rat
Conjugate	-
Immunogen	Synthetic Substance P 4-11, conjugated to thyroglobulin using CDI
Isotype	-
Clonality	Polyclonal
Clone number	-
Size	50 µl (lyoph.)
Concentration	n/a
Format	-
Storage buffer	Lyophilized; reconstitute in 100 µl dist. water
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Substance P occurs in nerve fibers of the central and peripheral nervous system and in endocrine cells of the gut. It stimulates smooth muscle contraction, gives rise to vasodilation and is involved in sensory functions. Substance P-containing tumors arising in the ileum are often associated with the carcinoid syndrome, characterized by flushing of the skin, diarrhea, broncho-constriction and sudden drops in blood pressure. Substance P is commonly found in the midgut carcinoids and some of the symptoms may be related to this peptide.<br>Absorption with 10-100 ug SP 1-4 per ml diluted antiserum abolishes the staining.  
Positive control: frozen sections of rat colon.

**References**

1. -
2. -
3. -
4. -
5. -

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