



BMA BIOMEDICALS



Peninsula Laboratories

T-4835

Rabbit anti Hemokinin 1 (mouse, rat) [UniProt: Q99N14, Q8CH01]

Hemokinin 1 is a substance P-like tachykinin peptide predominantly expressed in non-neuronal tissues. Hemokinin-1 is a cleavage product of Tachykinin-4 and constitutes of 11 amino acids. It mediates chronic neuropathic mechanical and cold hyperalgesia. Hemokinin 1 is involved in the activation of neuropathic microglia and astrocyte activation in spinal cord. It is known to induce acute visceral and neurogenic inflammatory pain via NK1 receptor.

This antibody was generated by immunization of rabbits with Hemokinin 1 coupled to a carrier protein.

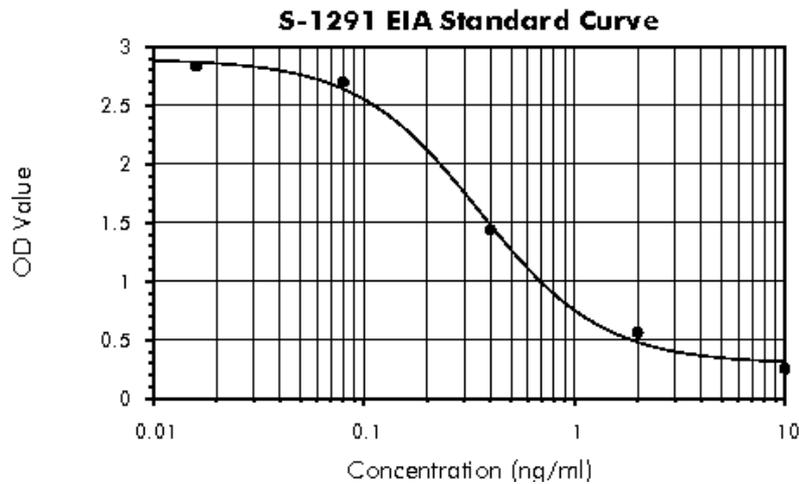
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	022578
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against Hemokinin 1. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Arg-Ser-Arg-Thr-Arg-Gln-Phe-Tyr-Gly-Leu-Met-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Hemokinin 1 (mouse, rat)	100
Hemokinin 1 (human)	0.01
Substance P	0.01
Neurokinin A	0
Neurokinin B	0
Neurotensin	0
Oxytocin	0
CRF (human, rat)	0

Typical standard curve obtained by titration of Hemokinin-1 with this antibody:



Related Products:

T-4836: purified IgG (human)
S-1291: ELISA, high sensitivity for extracted samples (ms, rt)
S-1292: ELISA, high sensitivity for extracted samples (human)

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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rabbit IgG – ms, rt

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