

## Product datasheet for **TA364332**

### Tac4 Rabbit Polyclonal Antibody

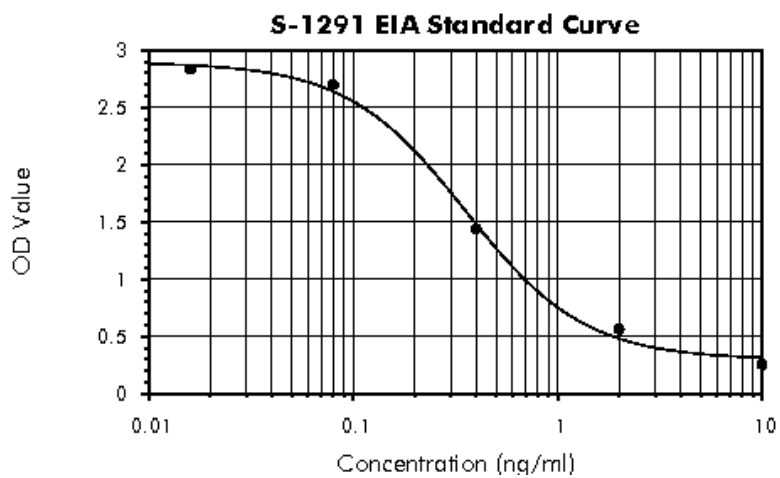
#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	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 <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Arg-Ser-Arg-Thr-Arg-Gln-Phe-Tyr-Gly-Leu-Met-NH <sub>2</sub> coupled to carrier protein.
Formulation:	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.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	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.
Gene Name:	tachykinin 4
Database Link:	<a href="#">Entrez Gene 93670 Mouse Q99N14</a>
Background:	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.
Synonyms:	EK; endokinin; hemokinin; HK-1; MGC133009; MGC133010; PPT-C; Pptc; Preprotachykinin-C



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## Product images:



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