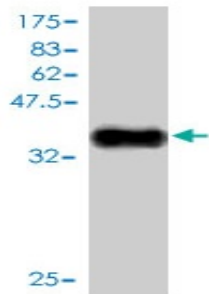


Mouse monoclonal antibody to human Tachykinin-3 [2D7]: IgG

Catalogue No.:	M-871-100
Description:	Tachykinins are active peptides which excite neurons, evoke behavioural responses, are potent vasodilators and secretagogues, and contract many smooth muscles. Tachykinin-3 is a secreted protein and its expression during pregnancy is confined to the outer syncytiotrophoblast of the placenta. Plasma concentrations of Tachykinin-3 are grossly elevated in pregnancy-induced hypertension and pre-eclampsia.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	TAC3 (17-121aa) full-length recombinant human Tachykinin protein with GST tag.
Isotype:	IgG1 kappa
Clone:	2D7
Other Names:	ZNEUROK1; Neurokinin B; TAC3; NKNB
Accession:	TKNK_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB and ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and direct ELISA against the antigen.
Cross-reactivity:	Human. Rat and mouse samples were negative by IHC. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.4
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	Store lyophilized antibody at 2-8C. After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase
Specific References:	<p>Skrapits K et al. (2015) "Neuropeptide co-expression in hypothalamic kisspeptin neurons of laboratory animals and the human." <i>Front Neurosci.</i> Feb;9:29.</p> <p>Borsay BÁ et al. (2014) "Hypophysiotropic gonadotropin-releasing hormone projections are exposed to dense plexuses of kisspeptin, neurokinin B and substance p immunoreactive fibers in the human: a study on tissues from postmenopausal women." <i>Neuroendocrinology.</i> 2014;100(2-3):141-52.</p>

FOR RESEARCH USE ONLY

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Western blot detection of recombinant GST tagged human Tachykinin-3.

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