



Catalog Number:	GT15094	Host:	Goat
Product Type:	Affinity purified	Species Reactivity:	Human
Immunogen Sequence:	Recombinant human SOX17	Format:	Liquid 1mg/ml Solution in phosphate-buffered saline with 5% trehalose
Applications:	Immunocytochemistry: 5-10 µg/mL Western Blot: 0.1 – 0.2 µg/mL Tested for Western blotting using recombinant protein. ELISA: 0.5 - 1.0 µg/mL Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	Antibody can be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. <i>Avoid repeated freeze-thaw cycles.</i>		

Application Notes

Immunocytochemistry - This antibody has been tested on endodermal cells differentiated from human embryonic stem cells. It can be used with the appropriate secondary reagents at a concentration of 5 - 10 ug/mL in fixed cells. Cells were fixed with 4% paraformaldehyde in PBS at room temperature for 20 minutes, then blocked with PBS containing 0.1% Triton X-100, 10% normal donkey serum and 1% BSA at room temperature for 45 minutes. After blocking, cells were incubated with diluted primary antibody overnight at 4° C and subsequently with Rhodamine Red coupled anti-goat IgG or another appropriate secondary antibody at room temperature in the dark for one hour. Between each step, cells were washed with 0.1% BSA in PBS.

Western blot - This antibody can be used at 0.1 - 0.2 ug/mL with the appropriate secondary reagents to detect human SOX17. The detection limit for recombinant SOX17 is approximately 1 ng/lane under non-reducing and reducing conditions.

FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RSKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

10/04v1

www.neuromics.com

Neuromics Antibodies • 11200 Hampshire Avenue South • Bloomington, MN 55438
phone 507-645-8020 • fax 612-677-3976 • e-mail pshuster@neuromics1.com