prosci-inc.com

HIGH PERFORMANCE ANTIBODIES ... AND MORE

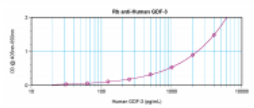
ProSci Incorporated
12170 Flint Place
Poway, CA 92064

Toll Free: +1 (888) 513 9525
Local: +1 (858) 513 2638
Fax: +1 (858) 513 2692

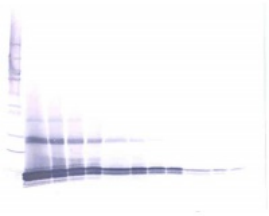
techsupport@prosci-inc.com

GDF-3 Antibody

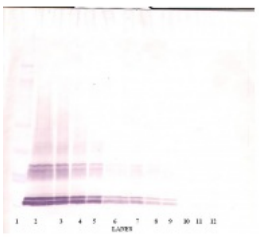
CATALOG NUMBER: 38-156



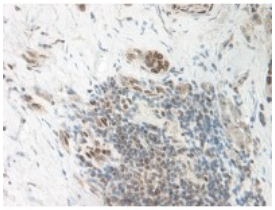
To detect hGDF-3 by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.5 - 2.0 ug/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with ProSci's Biotinylated Anti-Human GDF-3 (38-157) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hGDF-3.



To detect hGDF-3 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hGDF-3 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



To detect hGDF-3 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hGDF-3 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 0.125 ug/ml with an overnight incubation at 4˚C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary. Tis

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Indirect: To detect hGDF-3 by indirect ELISA (using 100 uL/well antibody solution) a concentration of 0.5 - 2.0 ug/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary

	reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hGDF-3. Sandwich To detect hGDF-3 by sandwich ELISA (using 100 uL/well antibody solution) a concentration of 0.5 - 2.0 ug/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with our biotinylated Anti-Human GDF-3 as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hGDF-3. Western Blot: To detect hGDF-3 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hGDF-3 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
USER NOTE:	Centrifuge vial prior to opening.
IMMUNOGEN:	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hGDF-3. Human GDF-3 specific antibody was purified by affinity chromatography employing immobilized hGDF-3 matrix.
HOST SPECIES:	Rabbit

Properties

PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	GDF-3 antibody is stable for at least 2 years from date of receipt at -20˚C. The reconstituted antibody is stable for at least two weeks at 2-8˚C. Frozen aliquots are stable for at least 6 months when stored at -20˚C. Avoid repeated freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	KFS3, MCOP7, MCOPCB6GDF-3
ACCESSION NO.:	Q9NR23
PROTEIN GI NO.:	46397885
OFFICIAL SYMBOL:	GDF3
GENE ID:	9573

Background

BACKGROUND:	GDF3 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. The function of this protein is unknown, but expression studies suggest it may be involved in regulation of the adult lymphatic and erythroid systems and embryonic development.

FOR RESEARCH USE ONLY

December 13, 2016