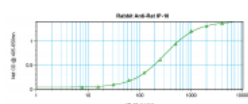


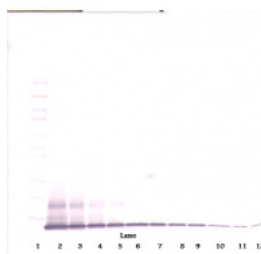


IP-10 Antibody

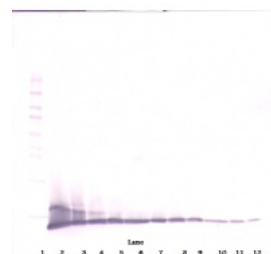
CATALOG NUMBER: 38-252



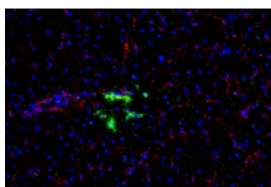
To detect Rat IP-10 by sandwich ELISA (using 100ul/well antibody solution) a concentration of 0.5 - 2.0 ug/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with ProSci's Biotinylated Anti-Rat IP-10 (38-255) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IP-10.



To detect Rat IP-10 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 Rat IP-10 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



To detect Rat IP-10 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 Rat IP-10 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



This antibody stained colchicine injected rat brain (including the caudate putamen) tissue. The primary antibody was incubated at 0.25 ug/ml overnight at 4°C. This was followed by a peroxidase conjugated secondary antibody and then a fluorescein Tyramide Signal Amplification (TSA) reagent. Optimal concentrations and conditions may vary.

Specifications

SPECIES REACTIVITY:	Rat
TESTED APPLICATIONS:	ELISA, Neut, WB
APPLICATIONS:	<p>Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Rat IP-10 (100 ng/mL), a concentration of 5.0-10.0 ug/mL of this antibody is required.</p> <p>Sandwich To detect Rat IP-10 by sandwich ELISA (using 100 uL/well antibody solution) a concentration of 0.5 - 2.0 ug/mL</p>

of this antibody is required. This antigen affinity purified antibody, in conjunction with our Biotinylated Anti-Rat IP-10 (38-255) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IP-10.

Western Blot:

To detect Rat IP-10 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 Rat IP-10 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 immunized with highly pure recombinant Human Heregulin- β 1. Human Heregulin- β 1 specific antibody was purified by affinity chromatography and then biotinylated.
HOST SPECIES:	Rabbit

Properties

PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	The lyophilized 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 2-80°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:	IP-10, Scyb10, Inp10, Mob1, C-X-C motif chemokine 10, 10 kDa interferon gamma-induced protein, Gamma-IP10
ACCESSION NO.:	P48973
PROTEIN GI NO.:	146345511
OFFICIAL SYMBOL:	Cxcl10
GENE ID:	245920

Background

FOR RESEARCH USE ONLY

December 13, 2016