

Anti-Human IL-11 Antibody

Catalog # ABG10197

Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Additional Information

Preparation	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hIL-11. Anti-Human IL-11 specific antibody was purified by affinity chromatography employing immobilized hIL-11 matrix.
WesternBlot	To detect hIL-11 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 μ g/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-11 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Sandwich	To detect hIL-11 by sandwich ELISA (using 100 μ l/well antibody solution) a concentration of 0.5 - 2.0 μ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human IL-11 (60-011BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-11.
Immunohistochemistry	This antibody stained human brain stroke (including control cortex and stroke core areas) tissue. The primary antibody was incubated at 2.5 mg/ml overnight at 4 °C. This was followed by a fluorophore conjugated secondary antibody. Optimal concentrations and conditions may vary.
Information and photo are courtesy of the Tissue Profiling group, SciLifeLab Stockholm.	
Neutralization	To yield one-half maximal inhibition [ND ₅₀] of the biological activity of hIL-11 (1.50 ng/ml), a concentration of 0.02-0.05 μ g/ml of this antibody is required.
Formulation	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Reconstitution	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
Storage	-20°C
Precautions	Anti-Human IL-11 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.