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Product no AS15 2869

Anti-IFN alpha | Interferon alpha

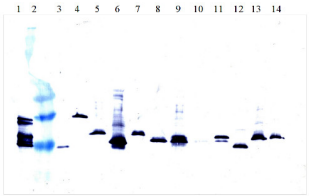
Product information

Immunogen	Recombinant IFN-alpha88, produced in *E.coli*
Host	Goat
Clonality	Polyclonal
Purity	Immunogen affinity purified in a carbonate buffer pH 8-8.5 with NaCl and 0.02 % sodium azide.
Format	Lyophilized
Quantity	100 µg
Reconstitution	For reconstitution add 100 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
Additional information	Antibodies are purified on a leukocyte IFN affinity column and resulting purity is >95 %, analyzed by coomassie stained SDS-PAGE gels. The antibodies react with 12 different commercially available recombinant subtypes of human IFN-alpha, with lowest reactivity to interferon alpha-17.

Application information

Recommended dilution	0.2 µg/ml (WB)
Expected | apparent MW	19-27 kDa (in reduced conditions)
Confirmed reactivity	Human
Not reactive in	No confirmed exceptions from predicted reactivity are currently known

application example



Following subtypes of interferon alpha were analyzed: Multiferon control RC1317 **(1)**, Prestained LMW **(2)**, Alpha A (2a) **(3)**, Alpha B2 (8) **(4)**, Alpha C (10) **(5)**, Alpha D (1) **(6)**, Alpha F (21) **(7)**, Alpha G (5) **(8)**, Alpha H2 (14) **(9)**, Alpha I (17) **(10)**, Alpha J1 (7) **(11)**, Alpha K (6) **(12)**, Alpha 4b (4) **(13)**, Alpha WA (16) **(14)**.
All HuIFN alpha subtypes are recognised by this antibody. Detection of interferon alpha-17 was very weak but still detectable showing that the antibody recognizes the subtype but probably with a lower affinity.