Anti-Mouse SF-20

20150223ML

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**103-P81**
Size:	100 µg
Lot. No.:	According to product label

Preparation: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant murine SF-20. Anti-Murine SF-20 specific antibody was purified by affinity chromatography employing immobilized murine SF-20 matrix.

Target Background

Synonyms (Target):	C19orf10; IL25; IL27; SF20; IL27w; R33729_1; EUROIMAGE1875335

Mouse SF20 is a bone marrow stroma-derived growth factor. SF20 is expressed in the bone marrow, spleen stroma cells, resting mononuclear cells, resting CD8+ and CD19+ cells and activated CD8+ T cells. SF20 has been shown to bind to the surface of cells expressing the receptor TSA-1 (Thymic shared Ag-1). Among SF20's biological activities is stimulation of the proliferation of FDCP2 cells (a mouse factor-dependent hemopoietic cell line) and mouse lymphoid cells.

Database References Target

Protein RefSeq:	NP_543027.1
Uniprot ID:	Q9CPT4
mRNA RefSeq:	NM_080837.2

Product Specifications

Species reactivity	Mouse
Clone/Ab feature	Rabbit IgG
Cross reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal Antibody
Purification	Antigen-affinity purified
Immunogen	Recombinant Human SF-20
Formulation	lyophilized from PBS
Reconstitution buffer	water

Reconstitution: Reconstitute the antibody in sterile water to a concentration of 0.1 - 1.0 mg/ml.

Stability: 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 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C.

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

Western Blot: To detect SF-20 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant SF-20 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

ELISA:
Indirect: To detect SF-20 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/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 SF-20.

Sandwich: To detect SF-20 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with an appropriate secondary conjugated antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant SF-20.

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!