

Product datasheet for **SP1251**

IL8 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA (1/500 for detection; Use SM482 as coating antibody; It is recommended that SP1251 and any detection antibody are diluted in 10% Normal Mouse serum prior to use in ELISA).
Reactivity:	Sheep
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant Ovine IL-8
Specificity:	Recognizes Ovine Interleukin-8 (IL-8). No cross-reactivity is seen with Ovine IL-1 beta, IL-6, MCP or TNF alpha.
Formulation:	State: Serum State: Liquid Serum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P36925
Background:	<p>Interleukin 8, IL8 is a member of the CXC chemokine family. This family of small basic heparan-binding proteins are proinflammatory and primarily mediate the activation and migration of neutrophils into tissue from peripheral blood.</p> <p>This chemokine is one of the major mediators of the inflammatory response and is secreted by several cell types in response to an inflammatory stimulus. It functions as a chemoattractant, and is also a potent angiogenic factor. IL8 attracts neutrophils, basophils, and T-cells, but not monocytes.</p> <p>Cystic fibrosis (CF) is characterized by severe lung inflammation. The inflammatory process is believed to be caused by massive overproduction of the proinflammatory protein IL8, and the high levels of IL8 in the CF lung are therefore believed to be the central mechanism behind CF lung pathophysiology.</p>



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Synonyms:

CXCL8, Protein 3-10C, Emoctakin, GCP1, MDNCF, MONAP, NAP1