Datasheet for ABIN6654185

anti-CCL8 antibody (AA 24-97)

Go to Product page

Overview

Quantity:	100 µg
Target:	CCL8
Binding Specificity:	AA 24-97
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCL8 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA (Capture)

Product Details

Immunogen:	Amino acids G24-P97 from the mouse protein were used as the immunogen for the Mcp2 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	CCL8
Alternative Name:	Mcp2 / Ccl8 (CCL8 Products)
Background:	CCL8, also known as monocyte chemoattractant protein 2 (MCP2), is a protein that in humans is encoded by the CCL8 gene. It is a small cytokine belonging to the CC chemokine family. The CCL8 protein is produced as a precursor containing 109 amino acids, which is cleaved to

Target Details

	produce mature CCL8 containing 75 amino acids. The gene for CCL8 is encoded by 3 exons and is located within a large cluster of CC chemokines on chromosome 17q11.2 in humans. MCP-2 is chemotactic for and activates many different immune cells, including mast cells, eosinophils and basophils, (that are implicated in allergic responses), and monocytes, T cells, and NK cells that are involved in the inflammatory response. CCL8 elicits its effects by binding to several different cell surface receptors called chemokine receptors. These receptors include CCR1, CCR2B, CCR3 and CCR5.
UniProt:	Q9Z121

Application Details

Application Notes:	Optimal dilution of the Mcp2 antibody should be determined by the researcher.\. IHC (FFPE): 1-2 µg/mL,ELISA (Capture): 1-5 µg/mL (recombinant mouse protein)
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Mcp2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.