

REV: 1/17

ANTIGENIX AMERICA Inc

## PRODUCT INFORMATION SUMMARY

### Anti-Mouse IP-10 (Polyclonal)

Purified Polyclonal Antibody	Product Number	RMF425	0.1 mg
	Biotin Conjugate	RMF425B	50 ug
	* Antigen-Affinity Purified		

#### SPECIFICITY:

**Rabbit** polyclonal antibodies to mouse IP-10 , produced from highly purified recombinant mouse IP-10 immunogen. Further purified by **antigen-affinity** chromatography to produce highly specific, high titre preparation.

**SOURCE:** Rabbit antiserum.

#### RESEARCH APPLICATIONS:

Identification of mouse IP-10 in body fluids and tissue sections.  
Functional Studies.

**ELISA:** Antibody concentration of 0.5 ug/mL (100 uL/well) was reacted in ELISA to detect 0.4 ng/well of recombinant murine IP-10 .  
**Biotin conjugate use @ 0.2 - 0.5 ug/mL.**

**NEUTRALIZING ACTIVITY:** Antibody concentration of approximately 9.0 ug/mL yields one-half maximal inhibition of 90.0 ng/mL of Mouse IP-10 .

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL was used to detect 1.5 ng/lane under both reducing or non-reducing conditions.

**IHC:** Staining of mouse brain , including hippocampus region was achieved with 1.0 ug/mL antibody concentration / overnight incubation @ 4 Deg. C. And employing HRP second antibody with special TSA signal amplification.

#### HANDLING AND STORAGE:

Purified polyclonal antibody provided lyophilized from PBS, preservative-free. Reconstitute with 100 uL sterile water. For **Biotin conjugate** reconstitute with 1.0 mL sterile water **containing 0.1% BSA**. These preparations should be diluted in buffered solutions (PBS or similar) or other stabilizing medium to a concentration suitable for use in specific protocols . Small aliquots should be frozen at -20° C for long-term storage. All reagents in a liquid state are stable for approximately one month without addition of preservative . Avoid repeat freeze-thaw cycles.

**RESEARCH USE ONLY**  
**NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**