

## TECHNICAL DATA SHEET

### Purified Rabbit Anti-rat MIP-1 $\beta$

**Catalog Number:** TP207

**Lot Number:** 032415

**Content:** Protein A purified rabbit IgG, 500 $\mu$ g, with 0.1% sodium azide, lyophilized.

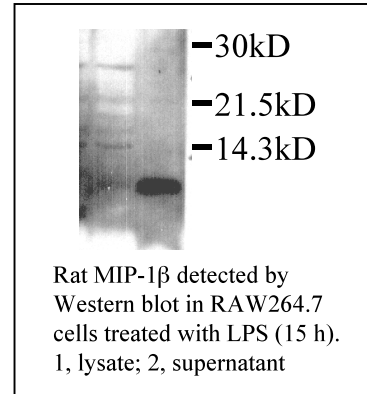
(Reconstitute to 1 mg/ml by adding 500 $\mu$ l H<sub>2</sub>O)

**Product Description and Usage:** For research use only. This neutralizing polyclonal antibody, which reacts with both mouse and rat natural MIP-1 $\beta$ , was generated using *E. coli*-expressed amino acids 1-69 of mature rat MIP-1 $\beta$  as an immunogen. The tested titer for Western blot is 1:2,000. This antibody can be used for Western Blot and neutralization.<sup>1</sup>

Cross-reactivity to MIP-1 $\beta$  of other species has not been determined.

**Storage Condition:** 4°C for short term storage or -20°C in small aliquots for long term storage. Avoid repeated freeze and thaw.

**Background:** MIP-1 $\beta$  (macrophage inflammatory protein-1 beta) is a 69-amino acid CC chemokine with a molecular weight of 7.8 kDa. MIP-1 $\beta$  induces migration of monocytes/macropages, and activate CD4<sup>+</sup> cells, but not NK cells and eosinophils.



### References:

1. Adamus G, et al., Expression of CC chemokines and their receptors in the eye in autoimmune anterior uveitis associated with EAE. *Invest Ophthalmol Vis Sci* 2001 42(12): 2894-903

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