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<b>Catalog Number:</b> P14014	<b>Format:</b> Liquid-50 ul-2mgs/ml
<b>Description:</b> LepRB/OBRb Control Protein for use in absorption control	<b>Molecular weight:</b> 132,494 daltons

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### Application Notes

#### Basic Protocol for Absorption Control:

- 1) Make 2 vials of your primary antibody at the working concentration specified on the data sheet or at the best concentration determined by you empirically. 1 vial is for normally processing with your primary antibody, the other vial is for use with the Blocking Peptide.
- 2) Add the Blocking Peptide at the recommended dilution (see below) into 1 of the vials and incubate at room temperature for 1 hour.
- 3) Process your tissue/samples as normal with both antibody solutions.

#### Quick Calculation for Absorption Controls:

When we perform Absorption Controls, we use the peptide at a final concentration of ~10uM ( $1 \times 10^{-5}$ ) or 1uM ( $1 \times 10^{-6}$  M). Because most peptides are between 15-20 amino acids with a molecular weight of ~2000 Da, we supply most of our peptide at a concentration of 2mgs/ml. This allows for a simple dilution of 1:100 (~10 uM) or 1:1000 (~1uM) in the working antibody Solution.

### *FOR RESEARCH USE ONLY*

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