



Catalog Number: PR22000

Format: Liquid-50 ul-2mgs/ml

Description: MERRRVTSATRRSYVSSSEMVGRRRLGPG TRLSLARMPP
PLPARVDFSLAGALNSGFKETRASERAEMM ELNDRFASYI
EKVRFLEQQN KALAAELNQLRAKEPTKLD VYQAELELR
LRLDQLTANS ARLEVERDNL AQDLGTLRQK LQDETNRLE
AENLAAYRQ EADEATLARLDLKERKIESLE EEIRFLRKIH
EEEVRELQEQ LAQQQVHVEM DVAKPDLTAALREIRTQYEA
VASSNMHEAE EWYRSKFADL NDAARNAELLRQAKHEAND
YRRQLQALTC DLESLRGTNESLERQMREQE ERHAREAASY
QEALARLEEE GQSLKDEMAR HLQEYQDLLN VKLALDIEIA
TYRKLLEGEE NRITIPVQTF SNLQIRETSL DTKSVSEGH
KRNIVVKTVE MRDGEVIKESKQEHKDV
Control Protein for use in absorption control for
use with GFAP catalog#: RA22101

Molecular weight: 49,512 daltons

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 (1×10^{-5}) or 1uM (1×10^{-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.

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