

## Anti-Dkk-3 Monoclonal Antibody

Catalog Number: M02248

### About DKK3

LGR4, also known as leucine-rich repeat-containing G protein-coupled receptor 4, is a G protein-coupled receptors (GPCRs). GPCRs are membrane bound proteins that play key roles in a variety of physiologic functions. Members of the leucine-rich GPCR (LGR) family, such as GPR48, have multiple N-terminal leucine-rich repeats (LRRs) and a 7-transmembrane domain. LGR4 is an orphan GPCR reported to be expressed in steroidogenic tissues such as placenta, ovary, testis, adrenal, pancreas, prostate, and thyroid, as well as in spinal cord, stomach, heart, and kidney.

### Overview

Product Name	Anti-Dkk-3 Monoclonal Antibody
Reactive Species	Human, Monkey
Description	Boster Bio Anti-Dkk-3 Monoclonal Antibody catalog # M02248. Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Monkey.
Application	ELISA, Flow Cytometry, WB
Clonality	Monoclonal 4G7
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q9UBP4

### Technical Details

Immunogen	Purified recombinant fragment of human Dkk-3 expressed in E. Coli.
Predicted Reactive Species	Chimpanzee, Macaque
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Affinity purification
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

FC 1:200-1:400

ELISA 1:10000

## Anti-Dkk-3 Monoclonal Antibody (M02248) Images

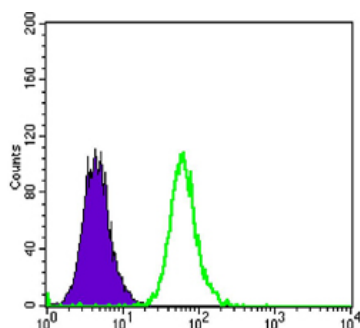


Figure 2. Flow Cytometry validation of DKK3 using Anti-Dkk-3 Monoclonal Antibody (M02248).

Flow cytometric (FCM) analysis of MCF-7 cells using Dkk-3 Monoclonal Antibody (green) and negative control (purple).

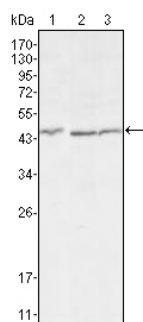


Figure 1. Western blotting validation for Anti-Dkk-3 Monoclonal Antibody M02248

Western Blot (WB) analysis using Dkk-3 Monoclonal Antibody against HEK293 (1)

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Dkk-3 Monoclonal Antibody