

Basic Information

Product Name	Anti-BMP15 Antibody (Clone#22B50)
Gene Name	BMP15
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human BMP15
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	45 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Flow Cytometry (FCM):1:50

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Bone morphogenetic protein 15 is a protein that in humans is encoded by the BMP15 gene. It is mapped to Xp11.22. It's mainly involved in folliculogenesis. The protein encoded by this gene is a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The transforming growth factor-beta superfamily includes large families of growth and differentiation factors. It is thought that this protein may be involved in oocyte maturation and follicular development as a homodimer or by forming heterodimers with a related protein, Gdf9. Defects in this gene are the cause of ovarian dysgenesis 2.

Selected Validation Data

Western blot analysis of BMP15 expression in HeLa cell lysate.

