

Store at -20C
#8633**NRBF-2 (D8G1) Rabbit mAb**

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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
W, IP	H M R Mk	Endogenous	40	Rabbit IgG	#Q96F24	29982

Product Usage Information**Application**

Western Blotting
Immunoprecipitation

Dilution

1:1000
1:100

Storage

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.

Specificity/Sensitivity

NRBF-2 (D8G1) Rabbit mAb recognizes endogenous levels of total NRBF-2 protein. Based upon sequence alignment, this antibody is predicted to cross-react with NRBF-1/COPR1.

Species predicted to react based on 100% sequence homology

Hamster, Bovine, Dog, Horse

Source / Purification

Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human NRBF-2 protein.

Background

Nuclear Receptor Binding Factor-2 (NRBF-2), also referred to as Comodulator of PPAR and RXRα-2 (COPR-2), has been shown to interact with the AF-2 region of several nuclear hormone receptors with varying affinities such as PPARα, RARα, RARγ, and RXRα (1,2). NRBF-2 contains a LLYLL motif, which matches the LXXLL NR box consensus and is required for functional NRBF-2/nuclear receptor complex formation and repression of receptor function. NRBF-2 also contains a unique autonomous activation domain and, thus, does not completely abrogate nuclear receptor function, suggesting that NRBF-2 might serve as a molecular rheostat to fine-tune the transcriptional activity of liganded nuclear receptors (1,2).

Background References

1. Yasumo, H. et al. (2000) *Biochim Biophys Acta* 1490, 189-97.
2. Flores, A.M. et al. (2004) *J Invest Dermatol* 123, 1092-101.

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key

W: Western Blotting **IP:** Immunoprecipitation

Cross-Reactivity Key

H: Human **M:** Mouse **R:** Rat **Mk:** Monkey

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