

NR2C2 monoclonal antibody

Catalog:	MB6699:
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Host: 1

Mouse

BackGround:

Testicular receptor 4 (TR4), also called TAK1 or NR2C2, is an orphan receptor in a distinct subclass of the steroid hormone nuclear receptor superfamily along with TR2. TR4 forms heterodimers with TR2 and binds to DNA elements containing direct repeats (DRs). TR4 plays a role in various processes, including neurogenesis, spermatogenesis, RNA metabolism, and protein translation. TR4 can interact with other hormone receptors such as AR and ER to influence protein-protein binding and target gene inactivation. High expression of TR4 correlates with prostate cancer metastasis and invasion through downstream targets such as CCL2 and Ezh2. Expression of TR4 in other cancers such as NSCLC and testicular germ cell tumors has also been associated with poor prognosis.

Product:

Mouse IgG2b kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 67 kDa

Swiss-Prot:

P49116

Purification&Purity:

Reactivity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at $4 \,^{\circ}{\rm C}$ short term. Aliquot and store at $-20 \,^{\circ}{\rm C}$ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of NR2C2 protein.

DATA:



Western blot analysis of NR2C2 expression in PC3 (A), Jurkat (B), MoLT4 (C), F9 (D), NIH3T3 (E), PC12 (F), CHO (G) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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