

Anti-NR2F6 Purified Monoclonal Antibody

Catalog Number: M06990

About NR2F6

NR2F6 (nuclear receptor subfamily 2 group F member 6), also known as EAR2 or ERBAL2, is a transcription factor involved in modulation of hormonal responses. NR2F6 represses e.g. transcription of the oxytocin-neurophysin gene, renin gene, lutropin-choriogonadotropic hormone receptor gene, and the thyroid hormone receptor gene. In the immune system, NR2F6 affects IL-17 expression in the Th-17 cells, thus also the balance between immunological tolerance and autoimmunity.

Overview

Product Name	Anti-NR2F6 Purified Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-NR2F6 Purified Monoclonal Antibody (Catalog# M06990). Tested in Flow Cytometry, WB application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Monoclonal EM-51
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P10588

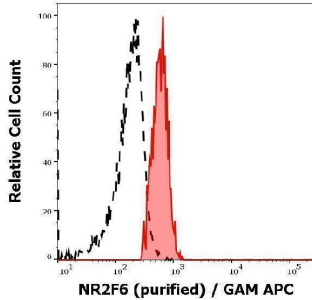
Technical Details

Immunogen	Recombinant human NR2F6 protein expressed in E. coli. The mouse monoclonal antibody EM-51 recognizes NR2F6, a transcriptional repressor (intracellular antigen) expressed mainly in the heart, placenta, liver, skeletal muscle, kidney and pancreas, but also e.g. in T cell subpopulations.
Predicted Reactive Species	Primate
Cross Reactivity	As in case with other anti-CD170 antibodies, this antibody cross-reacts with Siglec-14, whose first two Ig domains are almost identical to those of CD170.
Isotype	Mouse IgG2a kappa
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.

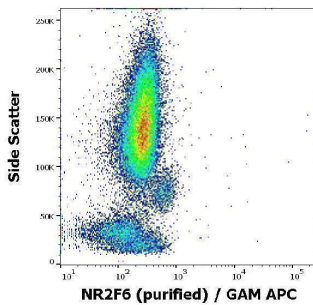
Suggested Dilutions

Western blotting: Positive control: HEK293T/17/NR2F6/Ha-tag transfectants, negative control: HEK293T/17 cells.
Flow cytometry: 3-9 $\mu\text{g/ml}$. Intracellular staining.

Anti-NR2F6 Purified Monoclonal Antibody (M06990) Images



Separation of human monocytes stained using anti-NR2F6 (EM-51) purified antibody (concentration in sample 3 µg/ml, GAM APC, red-filled) from monocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (intracellular staining).



Flow cytometry intracellular staining pattern of human peripheral whole blood stained using anti-NR2F6 (EM-51) purified antibody (concentration in sample 3 µg/ml, GAM APC).

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