

Anti-PLA2R [12-6-5]

Catalogue number: 152570

Sub-type: Primary antibody

Images:

Contributor

Inventor: Paul Brenchley

Institute: University of Manchester

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-PLA2R [12-6-5]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody which detects PLA2R, the major antigen for idiopathic membranous nephropathy. Background and Research Application PLA2R is the major auto-antigen in the autoimmune kidney disease, membranous nephropathy. Detection of PLA2R antigen by IHC in the immune complexes present in the glomerular basement membrane is used as a diagnostic marker for the disease. PLA2R is also involved in clearance followed by suppression of their potent enzymatic activities of secretory phospholipases...

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2b

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Human PLA2R extracellular sequence N-C3 (containing domains N-terminal Cysteine rich-FibII-CTLD1-CTLD2-CTLD3). Genbank acc no. U17033; amino acids 20-663 Recombinant protein expressed in HEK 293-EBNA-1 cells

Immunogen UNIPROT ID: Q13018

Sequence:

Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Phospholipase A2 receptor 1

Target alternate names:

Target background: Monoclonal antibody which detects PLA2R, the major antigen for idiopathic membranous nephropathy. Background and Research Application PLA2R is the major auto-antigen in the autoimmune kidney disease, membranous nephropathy. Detection of PLA2R antigen by IHC in the immune complexes present in the glomerular basement membrane is used as a diagnostic marker for the disease. PLA2R is also involved in clearance followed by suppression of their potent enzymatic activities of secretory phospholipas...

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IF ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Pelczar et al. 2013. Gastroenterology. 144(1):134-144.e6. PMID: 23041331. ; Inactivation of Patched1 in mice leads to development of gastrointestinal stromal-like tumors that express Pdgfra but not kit.

CancerTools.org