

Anti-1,4-dihydropyridine receptor [IIID5]

Catalogue number: 160403

Sub-type:

Images:

Contributor

Inventor:

Institute: The University of Iowa

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-1,4-dihydropyridine receptor [IIID5]

Alternate name: DHPR

Class: Monoclonal

Conjugate: Unconjugated

Description: 1,4-dihydropyridine receptor is present in skeletal muscle and associated with voltage-dependent calcium channels. This antibody was developed for immunoprecipitating radiolabelled dihydropyridine receptors from digitonin solubilized triads. This antibody and its related antibodies recognise the 170 kDa protein on nitrocellulose transfers of skeletal muscle triads, transverse tubular membranes, and purified receptor.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity: Rabbit

Selectivity:

Host: Mouse

Immunogen: 0.5 mg rabbit skeletal muscle triads emulsified in Freund's complete adjuvant. After 4 weeks, immunization with 0.5 mg rabbit skeletal muscle triad in Freund's incomplete adjuvant was repeated 3-4 additional times at two week intervals. Two IP injections of GlcNAc-eluted dihydropyridine receptor were given followed by 40 mg IV purified dihydropyridine receptor two days prior to fusion.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

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

Target details

Target: 1,4-dihydropyridine receptor

Target alternate names:

Target background: 1,4-dihydropyridine receptor is present in skeletal muscle and associated with voltage-dependent calcium channels. This antibody was developed for immunoprecipitating radiolabelled dihydropyridine receptors from digitonin solubilized triads. This antibody and its related antibodies recognise the 170 kDa protein on nitrocellulose transfers of skeletal muscle triads, transverse tubular membranes, and purified receptor.

Molecular weight: 170

Ic50:

Applications

Application: IP
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Leung et al. 1987. J Biol Chem. 262(17):7943-6. PMID: 2439496.

CancerTools.org