

Anti human TLX mouse monoclonal antibody

TLX: tailless homologue

Code No PP-H6510-00

Clone No. H6510

Lot. A-1

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description TLX (TLL, MTLL, Tailless; NR2E1) is a member of orphan nuclear receptor which is related to the Drosophila tailless gene. TLX transcripts become limited to the developing brain including the optic lobes. TLX has putative roles in proliferation or survival mechanisms in neuronal development.

Nomenclature NR2E1

Genbank Y13276

Origin Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human TLX (81-180 aa) .

Specificity This antibody specifically recognizes human TLX and cross reacts with mouse and rat TLX.

Purification Ammonium sulfate fractionation.

Formulation Physiologic saline with 0.1 % NaN₃.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot 1µg/mL

Non reducing Western Blot Not yet tested

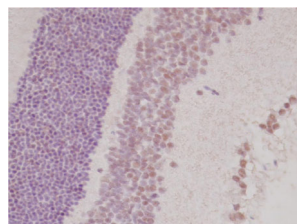
ELISA 0.3µg/mL (A450=1.0)

Immunoprecipitation 1µg/mL

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry Decide by use



Rat retina
Inner granular layer
ganglionic layer

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

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