



# Mouse Anti-Human Neurofilament monoclonal antibody, clone JID750 (CABT-L3025)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
<b>Specificity</b>	Human Neurofilament
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	JID750
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Reconstitution</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
<b>Positive Control</b>	Brain
<b>Format</b>	Liquid
<b>Size</b>	Predilute: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
<b>Buffer</b>	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

<b>Preservative</b>	< 0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C. Do not freeze.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Neurofilaments are a group of intermediate filaments found abundantly around the axons of vertebrate neurons. They are also expressed in paragangliomas, adrenal pheochromocytomas, Merkel cell tumors, carcinoid tumors, neuroendocrine carcinomas of the skin, and oat cell carcinomas of the lung. Anti-Neurofilament stains a variety of neural, neuroendocrine, and endocrine tumors, such as neuromas, ganglioneuromas, gangliogliomas, ganglioneuroblastomas, and neuroblastomas.
<b>Keywords</b>	Neurofilaments;Neurofilament protein