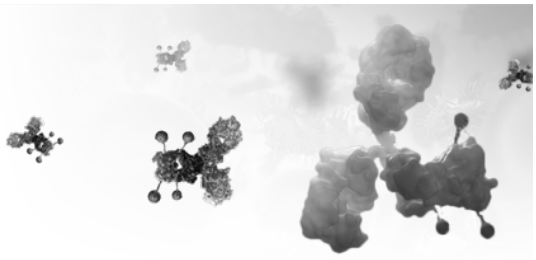

Mouse Anti-Human NSE monoclonal antibody, clone JID752 (CABT-L3026)

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

PRODUCT INFORMATION

Product Overview	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.
Specificity	Human NSE
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID752
Conjugate	Unconjugated
Applications	IHC
Reconstitution	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.
Positive Control	Pancreas, Carcinoid Tumor
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

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

BACKGROUND

Introduction	Neuron-Specific Enolase (NSE), also known as Enolase 2 (ENO2), is one of three enolase enzymes found in mammals, and acts as a phosphopyruvate hydratase. This mammalian glycolytic isoenzyme is located specifically in neurons of neuroendocrine cells, as well as tumors associated with those neurons; however, it has also been detected immunohistochemically in non-neoplastic cells of the pituitary, peptide-secreting tissues, pinealocytes, neuroendocrine cells of the lung, thyroid, parafollicular cells, adrenal medulla, islets of Langerhans, Merkel cells of the skin, and melanocytes. NSE is also a useful marker for identifying normal striated muscle, hepatocytes, and peripheral nerves. Anti-NSE may detect for neuroendocrine differentiation, only when used in a panel of antibodies including more specific markers such as synaptophysin, chromogranin, and neurofilament.
Keywords	Enolase 2 gamma neuronal;Neuron specific enolase;Neural enolase;Enolase 2;Enolase 2;gamma enolase antibody;Neuron specific gamma enolase;NSE

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