

## Mouse monoclonal antibody to human dynactin subunit 1 [1E12]: IgG

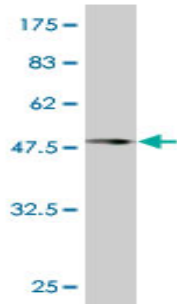
<b>Catalogue No.:</b>	M-822-100
<b>Description:</b>	Dynactin subunit 1 (DCTN1) is part of a large macromolecular complex of at least 10 components. It is required for cytoplasmic dynein-driven retrograde movement of vesicles and organelles along microtubules. Dynein-dynactin interaction is a key component of the mechanism of axonal transport of vesicles and organelles. Dynactin subunit 1 binds directly to microtubules and to cytoplasmic dynein. It is expressed in the brain and localises to the cytoplasm and the cytoskeleton. It belongs to the dynactin 150 kDa subunit family and contains one CAP-Gly domain. Abnormalities in DCTN1 cause progressive lower motor neuron disease (PLMND).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Partial sequence recombinant protein of human dynactin subunit 1 (amino acids 1082-1270) with GST tag
<b>Clone:</b>	[1E12]
<b>Other Names:</b>	150 kDa dynein-associated polypeptide; DP-150; DAP-150; p150-glued; p135; DCTN1
<b>Accession:</b>	DCTN1_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for WB and direct ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and ELISA against the recombinant protein.
<b>Cross-reactivity:</b>	No other species have been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.2
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for higher stability. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY

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Western blot detection of GST tagged recombinant protein using mouse monoclonal antibody to human dynactin subunit 1, catalogue number M-822-100. Note, the GST tag alone has a molecular weight of 26 kDa.

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