

Mouse DUX4 Monoclonal Antibody | anti-DUX4 antibody

DUX4 Monoclonal Antibody

CATALOG # AAA47767	HOST Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

DUX4; Monoclonal Antibody; DUX4 Monoclonal Antibody; Anti-DUX4; anti-DUX4 antibody

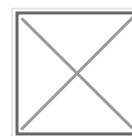
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody recognizes human DUX4. It does not cross-react with DUX4c.
Sequence Length	82
Applicable Applications for anti-DUX4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Antigen	C-terminal 76 amino acids of DUX4 with glutathione-s-transferase (gst) tag.
Dilution Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C.

IMAGES



IHC (Immunohistochemistry)



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-DUX4 antibody	Facioscapulohumeral muscular dystrophy (FSHD) is caused by the deletion of a subset of D4Z4 macro-satellite repeats on chromosome 4. Each repeat contains a retrogene encoding the double-homeobox factor DUX4. DUX4 expression is epi-genetically suppressed in differentiated tissues, and the residual DUX4 transcripts are spliced to remove the carboxyterminal domain that has been associated with cell toxicity. In FSHD individuals, the expression of the full-length DUX4 transcript is not completely suppressed in skeletal muscle and possibly other differentiated tissues.
Product Categories/Family for anti-DUX4 antibody	Neuroscience and Signal Transduction Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	300885357
Molecular Weight	9,565 Da

NCBI Official Full Name	DUX4, partial
UniProt Protein Name	DUX4
UniProt Gene Name	DUX4
UniProt Entry Name	E0YLM6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dux4-antibody-immunofluorescence-immunohistochemistry-elisa/47767>