

Mouse anti-Human Utrophin Monoclonal Antibody | anti-UTRN antibody

Utrophin (UTRN, Dystrophin-related Protein 1, DRP1, DRP-1, DMDL, DRP)

CATALOG # AAA24076	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunofluorescence
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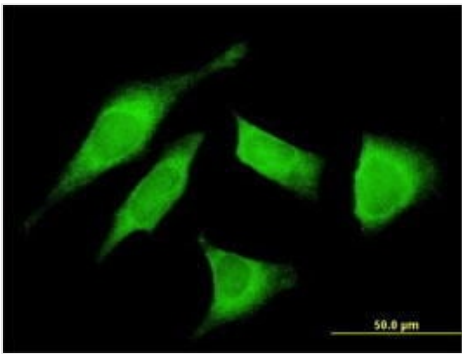
PRODUCT SYNONYMS

Utrophin; Monoclonal Antibody; Utrophin (UTRN; Dystrophin-related Protein 1; DRP1; DRP-1; DMDL; DRP); Anti -Utrophin (UTRN; anti-UTRN antibody)

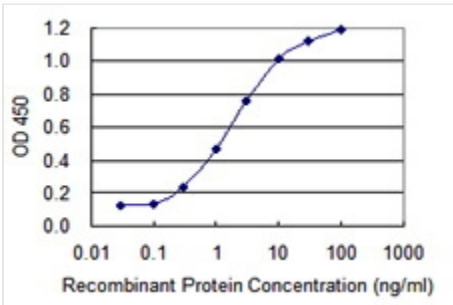
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	5G6
Specificity	Recognizes human Utrophin.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.4
Concentration	0.5mg/ml (varies by lot)
Sequence	LEARMQILED HNKQLESQ LHLRLRQLLEQPE SDSRINGVSP WASPQHSALS YSLDPDASGP QFHQAAGEDL LAPPHDTSTD LTVMEQIHS TFPSCCPNVP SRPQAM
Applicable Applications for anti-UTRN antibody	ELISA, WB (Western Blot), IF (Immunofluorescence)
Application Notes	Suitable for use in Immunofluorescence, ELISA and Western Blot. Dilution: Immunofluorescence: 10ug/ml Optimal dilutions to be determined by the researcher.
Immunogen	Partial recombinant corresponding to aa3328-3433 from human UTRN (NP_009055) with GST tag. MW of the GST tag alone is 26kD.
Grade	Purified
Preparation and Storage	May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for at least 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of HeLa cellLauren Shoreusing AAA24076 (10ug/ml).



Application Data
Detection limit for recombinant GST tagged UTRN is 0.1ng/ml using AAA24076 as a capture antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-UTRN antibody	Utrophin is a homologue of dystrophin and in normal muscle utrophin expression is restricted to neuromuscular junctions. Interestingly, in dystrophindeficient muscle, utrophin may be upregulated and is also present around the periphery of most muscle fibers. This antibody will help identify utrophin expression in muscle sections.
Product Categories/Family for anti-UTRN antibody	Antibodies; Abs to Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611228
NCBI GeneID	7402
NCBI Accession #	NP_009055.2
NCBI GenBank Nucleotide #	NM_007124.2
UniProt Accession #	P46939; Q5SYY1; Q5SZ57; Q9UJ40
NCBI Official Full Name	utrophin
NCBI Official Synonym Full Names	utrophin
NCBI Official Symbol	UTRN
NCBI Official Synonym Symbols	DRP; DMDL; DRP1
NCBI Protein Information	utrophin; DRP-1; dystrophin-related protein 1
UniProt Protein Name	Utrophin
UniProt Gene Name	UTRN
UniProt Synonym Gene Names	DMDL; DRP1; DRP-1
UniProt Entry Name	UTRO_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.