NR1H2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	NR1H2, Monoclonal Antibody
Full Product Name	NR1H2 (Nuclear Receptor Subfamily 1, Group H, Member 2, LXR-b, LXRB, NER, NER-I, RIP15, UNR) (MaxLight 750)
Product Gene Name	anti-NR1H2 antibody
Product Synonym Names	Nuclear Receptor Subfamily 1; Group H; Member 2; LXR-b; LXRB; NER; NER-I; RIP15; UNR
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	10
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes NR1H2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	NR1H2 (AAH07790.1, 1aa-461aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSSPTTSSLDTPLPGNGPPQPGAPSSSPTVKEEGPEPWPGGPDPDVPGTDEASSACSTDWVIPDPEEEPERKRKKGPAPKMLGHELCRVCGDKASGF
Conjugate	MaxLight750
Product Categories/Family for anti-NR1H2 antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-NR1H2 antibody	Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-NR1H2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-NR1H2 antibody	The LX receptors (LXRs) were originally identified as orphan members of the nuclear receptor superfamily because their ligands were unknown. Like o
Other Notes	Small volumes of anti-NR1H2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for NR1H2 purchase	MBS6239686 is an antibody targeting NR1H2. Also known as NR1H2 (Nuclear Receptor Subfamily 1, Group H, Member 2, LXR-b, LXRB, NER, NER-I

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NR1H2. It may not necessarily be applicable to this product.

NCBI GI #	14043634
NCBI GeneID	7376
NCBI Accession #	AAH07790.1
UniProt Related Accession #	P55055
NCBI Official Full Name	Nuclear receptor subfamily 1, group H, member 2
NCBI Official Synonym Full Names	nuclear receptor subfamily 1 group H member 2
NCBI Official Symbol	NR1H2
NCBI Official Synonym Symbols	NER; UNR; LXRB; LXR-b; NER-I; RIP15
Protein Family	Oxysterols receptor
NCBI Protein Information	oxysterols receptor LXR-beta
NCBI Summary for NR1H2	The liver X receptors, LXRA (NR1H3; MIM 602423) and LXRB, form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. The inducible LXRA is highly expressed in liver, adrenal gland, intestine, adipose tissue, macrophages, lung, and kidney, whereas LXRB is ubiquitously expressed. Ligand-activated LXRs form obligate heterodimers with retinoid X receptors (RXRs; see MIM 180245) and regulate expression of target genes containing LXR response elements (summary by Korf et al., 2009 [PubMed 19436111]).[supplied by OMIM, Jan 2010]
Research Articles on NR1H2	**1.** No significant differences were identified between the expression levels of LXRbeta in the triplenegative breast cancer tissues compared with the noncancerous mammary tissues.
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