

Product datasheet

Anti-NR1D1 (phospho S55 + S59) antibody [EPR18346-44] ab191218

Recombinant RabMAb

1 Image

Overview

Product name	Anti-NR1D1 (phospho S55 + S59) antibody [EPR18346-44]
Description	Rabbit monoclonal [EPR18346-44] to NR1D1 (phospho S55 + S59)
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human NR1D1 aa 50-150 (phospho S55 + S59). The exact sequence is proprietary. Database link: P20393
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR18346-44
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab191218** in the following tested applications.

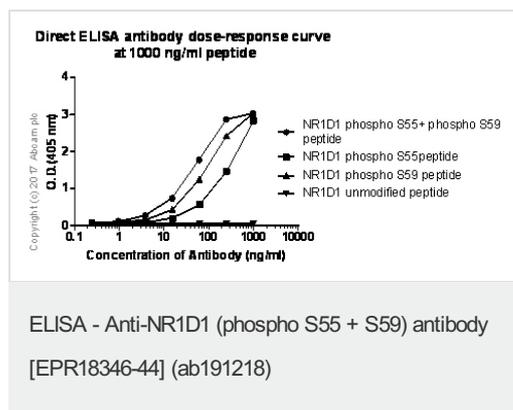
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/5000. Detects a band of approximately 100 kDa (predicted molecular weight: 67 kDa).
ELISA		Use at an assay dependent concentration.

Target

Function	Functions as a constitutive transcriptional repressor. Possible receptor for triiodothyronine.
Tissue specificity	Expressed in all tissues and cell lines examined. Expressed at high levels in some squamous carcinoma cell lines.
Sequence similarities	Belongs to the nuclear hormone receptor family. NR1 subfamily. Contains 1 nuclear receptor DNA-binding domain.
Domain	Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.
Cellular localization	Nucleus.

Images



Direct ELISA analysis of ab191218 (0-1000 ng/ml) using the following antigens: NR1D1 phospho S55 + phospho S59 peptide, NR1D1 phospho S55 peptide, NR1D1 phospho S59 peptide and NR1D1 unmodified peptide at 1000 ng/ml. An Alkaline Phosphatase-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) at 1/2500 was used as secondary antibody.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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