



# MB67 rabbit pAb

Cat No.:ES8149

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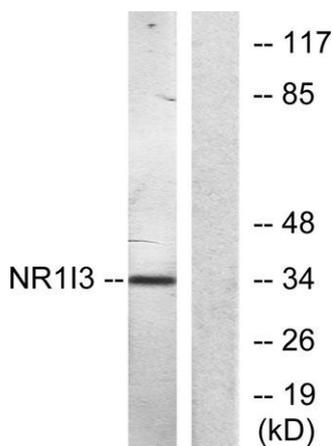
## Overview

<b>Product Name</b>	MB67 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NR1I3. AA range:71-120
<b>Specificity</b>	MB67 Polyclonal Antibody detects endogenous levels of MB67 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Nuclear receptor subfamily 1 group I member 3
<b>Gene Name</b>	NR1I3
<b>Cellular localization</b>	Nucleus. Cytoplasm. Cytoplasm, cytoskeleton. Recruited to the cytoplasm by DNAJC7. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	35kD
<b>Human Gene ID</b>	9970
<b>Human Swiss-Prot Number</b>	Q14994
<b>Alternative Names</b>	NR1I3; CAR; Nuclear receptor subfamily 1 group I member 3; Constitutive activator of retinoid response; Constitutive active response; Constitutive androstane receptor; CAR; Orphan nuclear receptor MB67
<b>Background</b>	This gene encodes a member of the nuclear

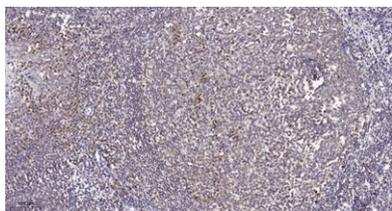




receptor superfamily, and is a key regulator of xenobiotic and endobiotic metabolism. The protein binds to DNA as a monomer or a heterodimer with the retinoid X receptor and regulates the transcription of target genes involved in drug metabolism and bilirubin clearance, such as cytochrome P450 family members. Unlike most nuclear receptors, this transcriptional regulator is constitutively active in the absence of ligand but is regulated by both agonists and inverse agonists. Ligand binding results in translocation of this protein to the nucleus, where it activates or represses target gene transcription. These ligands include bilirubin, a variety of foreign compounds, steroid hormones, and prescription drugs. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from Jurkat cells, treated with serum 20% 15', using NR113 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA, pH 9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).

