

## Anti-LXR beta/NER/NR1H2 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A04523-2-Fluoro488

### About NR1H2

Liver X receptor beta (LXR-beta) is a member of the nuclear receptor family of transcription factors. LXR-beta is encoded by the NR1H2 gene (nuclear receptor subfamily 1, group H, member 2). 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]).

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-LXR beta/NER/NR1H2 Antibody Picoband® Fluoro488 Conjugated  |
| Reactive Species     | Human, Mouse   |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IF, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .   |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.   |
| Host                 | Rabbit   |
| Uniprot ID           | P55055   |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | E.coli-derived human LXR beta/NER/NR1H2 recombinant protein (Position: K31-A342). |
| Cross Reactivity | No cross-reactivity with other proteins.  |
| Isotype          | Rabbit IgG  |
| Form             | Liquid  |
| Concentration    | 0.5 mg/mL   |
| Purification     | Immunogen affinity purified.  |
| Conjugate        | Fluoro488<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm     |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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