

## DESCRIPTION

|                           |                                                                                                                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Mouse                                                                                                                                                                                                   |
| <b>Specificity</b>        | Detects mouse BAMBI/NMA in direct ELISAs and Western blots. In direct ELISAs, approximately 30% cross-reactivity with recombinant human BAMBI is observed.                                              |
| <b>Source</b>             | Polyclonal Goat IgG                                                                                                                                                                                     |
| <b>Purification</b>       | Antigen Affinity-purified                                                                                                                                                                               |
| <b>Immunogen</b>          | Mouse myeloma cell line NS0-derived recombinant mouse BAMBI/NMA<br>Ile28-Thr143<br>Accession # Q9D0L6                                                                                                   |
| <b>Conjugate</b>          | Alexa Fluor 700<br>Excitation Wavelength: 675-700 nm<br>Emission Wavelength: 723 nm                                                                                                                     |
| <b>Formulation</b>        | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide                                                                                                                                            |
|                           | *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

**Western Blot** Optimal dilution of this antibody should be experimentally determined.

## PREPARATION AND STORAGE

**Shipping** The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage** Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

## BACKGROUND

BAMBI/NMA is a type I transmembrane protein that shares sequence homology with the TGF-β type I receptor family protein but has a short cytoplasmic region that lacks the kinase domain. It functions as a membrane-bound decoy receptor by competing with type I receptors to form a heterodimer with type II receptors. Mouse BAMBI/NMA share approximately 93% amino acid sequence homology with human BAMBI/NMA.

## PRODUCT SPECIFIC NOTICES

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