## Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

**4NG7** CATALOGUE #:

PRODUCT NAME: Monoclonal anti-neutrophil gelatinase-associated lipocalin (NGAL)

**Recombinant MAbs:** N308, N316

> MAbs N308 and N316 are recombinant rabbit full-sized MAbs expressed in mammalian cells. Rabbits were immunized with recombinant human NGAL expressed in mammalian cell line.

MAbs in vitro: N417, N422, N432, N457, N461

> Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with recombinant human NGAL expressed in mammalian cell line (MAbs

N417, N422, N432, N457, N461).

Specificity: MAbs N308, N432 and N457: human NGAL monomer, human NGAL homodimer

MAbs N316, N417, N422, N461: Human NGAL monomer, human NGAL homodimer, human

NGAL/MMP-9 heterodimer

IgG1 for MAbs N417, N422, N432, N457, N461 MAb isotypes:

IgG for MAbs N308, N316

Applications: Recommended pairs in sandwich immunoassays (capture-detection):

N308 - N432 (monomer and homodimer)

N316 - N417 (monomer, homodimer and heterodimer)

N316 - N457 (homodimer)

N316 – N461 (monomer, homodimer and heterodimer) N422 – N417 (monomer, homodimer and heterodimer) N422 – N461 (monomer, homodimer and heterodimer)

MAbs N308, N316 and N417 are working in Western blotting.

**Purification:** Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

Storage: +4 °C (+2 ... +8 °C allowed)

Material This product is sold for research or further manufacturing use only. Standard Laboratory safety note:

Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very

small appropriate care must be taken when handling this product.

