

CATALOGUE #: 4NG7

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

MAb isotypes:

IgG1 for MAbs N417, N422, N432, N457, N461

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 (NaN₃)

Storage:

+4 °C (+2 ... +8 °C allowed)

Material safety note:

This product is sold **for research or further manufacturing use only**. Standard Laboratory 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.