DataSheet

CATALOGUE #: **4NG7**

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

MAbs *in vitro*: N417, N422, N432, N457, N461, N308, N316

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).

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.

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 (NaN_3)

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.

HyTest Ltd.
Intelligate 1, 6th floor, Joukahaisenkatu 6
FI-20520 Turku FINLAND
www.hytest.fi │hytest@hytest.fi