

CATALOGUE #: 4NG7

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

Recombinant MAbs: N308, N316

Recombinant monoclonal antibody expressed in a mammalian cell line. Full-size IgG sequence derived from rabbit B cells.

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

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Recombinant human NGAL expressed in mammalian cell line

Specificity: Human NGAL monomer, human NGAL homodimer for N308, N432 and N457

Human NGAL monomer, human NGAL homodimer, human NGAL/MMP-9 heterodimer for N316, N417, N422, N461

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

IgG for 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

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.