

NGAL Antibody (5G5)

Lot Number: RC2172571

Product Data Sheet

Tested Species Reactivity

Human (Hu)

Tested Applications

Western Blot (WB)	Assay dependent
Immunohistochemistry (IHC)	Assay dependent
ELISA (ELISA)	Assay dependent

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Dilution *

Details

Catalog Number:	HYB 211-01-02
Size:	200 µl
Class:	Monoclonal
Type:	Antibody
Clone:	5G5
Host / Isotype:	Mouse / IgG1, kappa
Immunogen:	Recombinant human NGAL in monomer and dimer forms

Form Information

Form:	Liquid
Concentration:	1.06mg/ml
Purification:	Protein A
Storage Buffer:	PBS, pH 7.4
Preservative:	15mM sodium azide
Storage Conditions:	4° C, store in dark

Product Specific Information

HYB 211-01-02 is specific for human NGAL, native and denatured forms. No cross-reaction to NGAL from other species has been detected.

HYB 211-01-02 has been successfully used in Western blotting, ELISA and Immunohistochemistry procedures. HYB 211-01-02 reacts strongly with NGAL. Strong reaction is seen when tested in sandwich ELISA in combination with a polyclonal antibody against the antigen. In immunohistochemical staining of paraformaldehyde fixed neutrophils HYB 211-01-02 recognizes NGAL. In western blotting HYB 211-01-02 reacts with NGAL in both reduced as well as unreduced form.

The HYB 211-01-02 immunogen is recombinant human NGAL in monomer and dimer forms absorbed to aluminium hydroxide gel.

The epitope specificity of HYB 211-01-02 differs from that of HYB 211-05-02, and differs from HYB 211-02-02 but overlaps.

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General Information

Neutrophil gelatinase associated lipocalin is a member of the lipocalin family which encompass more than 25 members (including proteins like retinol binding protein, a1-microglobulin, b-lactoglobulin, apolipoprotein D, odorant binding protein). The members of the lipocalin family are characterized by their ability to bind small lipophilic substances in their hydrophobic core, and thereby serve as transporters of substances.

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