

Neutrophil elastase antibody [265-3K1]

Cat. No. GTX54464

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, IHC-P, FCM, ELISA
Reactivity	Human

Package

50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-P	Assay dependent
FCM	Assay dependent
ELISA	Assay dependent

Note : Tissues were fixed in paraformaldehyde (PFA) 3.7%, embedded in paraffin and sectioned at 6 µm. The sections were deparaffinized in toluene and hydrated in graded series of ethanol.

Cells were fixed with ADG fixation buffer A for 15 min at room temperature. Cells were washed and incubated with 10 µg of monoclonal anti-HNE antibody diluted in ADG permeabilisation buffer B.

The antibody can be used as capture antibody. Antibody 265-3K1 was unique in that the limit of detection as a capture antibody increased from 625 nM (18.8 ng/ml) for free HNE to 80 nM for HNE-AAT complex, indicating that covalent complex formation between HNE and AAT increases antibody affinity or increases exposure of recognised epitope in HNE for 265-3K1.

Not tested in other applications.

Calculated MW 29 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Purification	Protein G purified
Conjugation	Unconjugated



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Note

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