

NGAL Antibody, mAb, Mouse

Cat. No.	Name	Clone
V01601	NGAL Antibody (5A9D12), mAb, Mouse	5A9D12
V01602	NGAL Antibody (4C10A7), mAb, Mouse	4C10A7

Specificity	Human NGAL
Isotype	IgG1 for mAbs 5A9D12 and 4C10A7
Production	Cultured <i>in vitro</i> under conditions free from animal-derived components
Purification	Protein A/G affinity column
Formulation	1) PBS, pH 7.4, containing 0.03% Proclin 300 2) 50 mM Na-citrate, 150 mM NaCl, pH7.0, containing 0.03% Proclin 300 *
	*: For new batch since 09/01/2018, please refer to COA.
Storage	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application	Platform	Capture	Detection
	ELISA	5A9D12	4C10A7

Background NGAL (Neutrophil gelatinase-associated lipocalin, also known as lipocalin-2) is a small protein found in renal tubules. And its expression is dramatically increased in ischemic or nephrotoxic injury. It has been implicated in a variety of processes including cell differentiation, proliferation, survival and morphogenesis. NGAL is expressed in variety of tumor types including breast, ovary and pancreatic carcinomas.

Product stability	Temperature, Time	Results for clones	
		5A9D12	4C10A7
	-80°C, 21 days	OK	
	-20°C, 21 days	OK	
	4°C, 21 days	OK	

20°C, 21 days	OK
37°C, 21 days	OK
40°C, 21 days	OK
-80°C, 21 days	OK

Note GenScript can customize this product per customer's request including product size, buffer components, etc.

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