

# Product Datasheet

## Lipocalin-2/NGAL Antibody (6B4) - BSA Free NBP2-23601-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP2-23601-0.1mg**

Lipocalin-2/NGAL Antibody (6B4) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6B4
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10mM Phosphate (pH 7.4) and 0.5M NaCl

**Product Description**

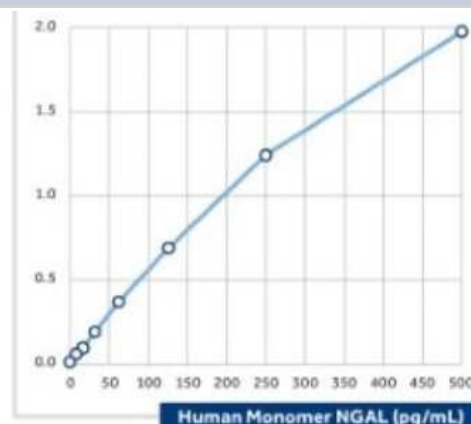
<b>Host</b>	Mouse
<b>Gene ID</b>	3934
<b>Gene Symbol</b>	LCN2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human
<b>Specificity/Sensitivity</b>	Clone 64 binds human NGAL and shows some cross-reactivity with NGAL from Cynomolgus monkey ( <i>Macaca fascicularis</i> ).
<b>Immunogen</b>	Human recombinant NGAL in monomer and dimer forms adsorbed to aluminum hydroxide gel

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500
<b>Application Notes</b>	It reacts strongly with human NGAL. Strong reaction is seen when used as detection antibody in sandwich ELISA in combination with a polyclonal NGAL capture antibody and when tested on recombinant NGAL coated directly onto the well. Clone 6B4 reacts with NGAL in immunochemical staining of paraformaldehyde-fixed sections containing neutrophils. In Western blotting of SDS-PAGE gels. Clone 6B4 reacts with NGAL in both reduced and unreduced forms.

**Images**

ELISA: Lipocalin-2/NGAL Antibody (6B4) - BSA Free [NBP2-23601] - The calibration curve of a sandwich assay for monomer human NGAL using NBP2-23601 as the capture antibody and NBP2-41365B as the biotinylated detection antibody(1).





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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