

Siderocalin Recombinant Antibody | Lcn2 recombinant antibody

Anti-Siderocalin [MAB1857], Rat IgG2a, kappa

CATALOG # AAA72494	HOST Rat	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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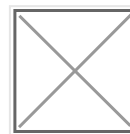
PRODUCT SYNONYMS

Siderocalin; Monoclonal Recombinant Antibody; Anti-Siderocalin [MAB1857]; Rat IgG2a; kappa; 24p3; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; HNL; LCN2; lipocalin 2 (oncogene 24p3); lipocalin 2; Lipocalin-2; migration-stimulating factor inhibitor; MSFI; neutrophil gelatinase-associated lipocalin; NGAL; NGALlipocalin-2; Oncogene 24p3; p25; 228418; Lcn2 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2a kappa
Clone Number	MAB1857
Specificity	Detects recombinant mouse (rm)Lipocalin-2 and does not cross-react with rhLipocalin-1 or rhLipocalin?2 by ELISA or WB.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for Lcn2 recombinant antibody	ELISA, WB (Western Blot)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of RAW264.7 cells with anti-Siderocalin antibody MAB1857 (AAA72494). Immunofluorescence analysis of paraformaldehyde fixed RAW264.7 cells, permeabilized with 0.15% Triton, on Sh fix coverslips stained with the chimeric rabbit IgG version of MAB1857 (AAA72494) (1:100 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing cytoplasmic staining. The nucleus is stained with DAPI, top-bottom, AAA72494, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for Lcn2 recombinant antibody	Recombinant mouse Lipocalin-2/NGAL - Gln21-Asn200.
References	Nairz M et al. 2008 Interferon-gamma limits the availability of iron for intramacrophage Salmonella typhimurium Eur J Immunol. 2008 Jul;38(7):1923-36. doi: 10.1002/eji.200738056. N/A18581323 Note on publication: Describes how this antibody was used to detect siderocalin via immunoblotting.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34328049
NCBI GeneID	16819
NCBI Accession #	NP_032517.1
NCBI GenBank Nucleotide #	NM_008491.1
UniProt Accession #	P11672; Q3UE34
Molecular Weight	22,875 Da
NCBI Official Full Name	neutrophil gelatinase-associated lipocalin
NCBI Official Synonym Full Names	lipocalin 2
NCBI Official Symbol	Lcn2
NCBI Official Synonym Symbols	24p3; Sip24; AW212229
NCBI Protein Information	neutrophil gelatinase-associated lipocalin
UniProt Protein Name	Neutrophil gelatinase-associated lipocalin
UniProt Gene Name	Lcn2
UniProt Synonym Gene Names	NGAL
UniProt Entry Name	NGAL_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/siderocalin-recombinant-antibody-clone-mab1857-western-blot-elisa/72494>