

Rabbit GRO BETA Polyclonal Antibody | anti-CXCL2 antibody

RABBIT ANTI HUMAN GRO BETA

CATALOG #	HOST	APPLICATIONS
AAA49964	Rabbit	Western Blot, Immunohistochemistry, Functional Assay, ELISA

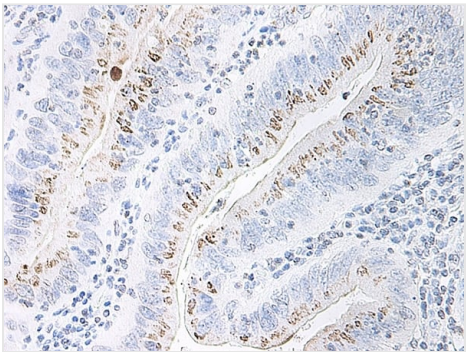
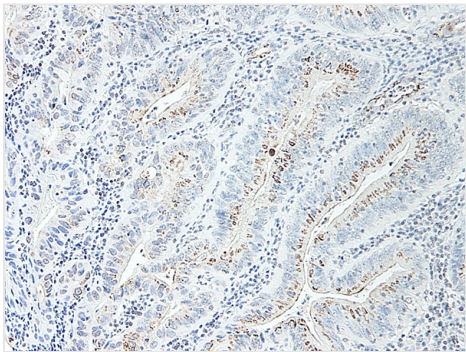
PRODUCT SYNONYMS

GRO BETA; Polyclonal Antibody; RABBIT ANTI HUMAN GRO BETA; anti-CXCL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	This item is specific for human GRO-beta, otherwise known as CXCL2, a 7.9kDa CXC chemokine and one of three closely related, but distinct GRO gene products, which act as chemoattractants and activators of neutrophils and basophils. Like GRO-alpha (CXCL1) and GRO-gamma (CXCL3), GRO-beta contains the ELR-motif (N-terminal Glu-Leu-Arg amino acid sequence) and signals through the CXCR1 and CXCR2 receptors, though studies have shown that GRO-beta has a lower potency and receptor binding affinity.
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	107
Applicable Applications for anti-CXCL2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended. NB. For functional studies do not azide.
Immunogen	Recombinant human GRO-beta Buffer Solution
Antiserum Preparation	Antisera to human GRO-beta were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data
Formalin fixed, paraffin embedded human colorectal adenocarcinoma stained with Rabbit anti Human GRO-β; (AAA49964) following heat mediated antigen retrieval with sodium citrate buffer (pH6.0)

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Formalin fixed, paraffin embedded human colorectal adenocarcinoma stained with Rabbit anti Human GRO-β; (AAA49964) following heat mediated antigen retrieval with sodium citrate buffer (pH6.0)

ADDITIONAL INFORMATION

Related Product Information for anti-CXCL2 antibody

MBS221712 is specific for human GRO-beta, otherwise known as CXCL2, a 7.9kDa CXC chemokine and one of three closely related, but distinct GRO gene products, which act as chemoattractants and activators of neutrophils and basophils. Like GRO-alpha (CXCL1) and GRO-gamma (CXCL3), GRO-beta contains the ELR-motif (N-terminal Glu-Leu-Arg amino acid sequence) and signals through the CXCR1 and CXCR2 receptors, though studies have shown that GRO-beta has a lower potency and receptor binding affinity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504155
NCBI GeneID	2920
NCBI Accession #	NP_002080.1
NCBI GenBank Nucleotide #	NM_002089.3
UniProt Accession #	P19875; Q6FGD6; Q9UPB8
Molecular Weight	11,389 Da
NCBI Official Full Name	C-X-C motif chemokine 2
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 2
NCBI Official Symbol	CXCL2
NCBI Official Synonym Symbols	GRO2; GROβ; MIP2; MIP2A; SCYB2; MGSA-β; MIP-2a; CINC-2a
NCBI Protein Information	C-X-C motif chemokine 2; GRO2 oncogene; MGSA beta; MIP2-alpha; gro-beta; growth-regulated protein beta; macrophage inflammatory protein 2-alpha; melanoma growth stimulatory activity beta
UniProt Protein Name	C-X-C motif chemokine 2
UniProt Gene Name	CXCL2
UniProt Synonym Gene Names	GRO2; GROβ; MIP2A; SCYB2; Gro-beta; MIP2-alpha; HSF
UniProt Entry Name	CXCL2_HUMAN

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.