

Mouse anti-Human LRG1/Leucine Rich alpha-2-glycoprotein 1 Monoclonal Antibody | anti-LRG1 antibody

LRG1/Leucine Rich alpha-2-glycoprotein 1 Mouse Monoclonal Antibody [Clone LRG1/4882]

CATALOG # AAA215549	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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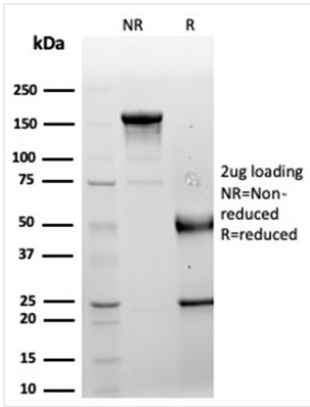
PRODUCT SYNONYMS

LRG1/Leucine Rich alpha-2-glycoprotein 1; Monoclonal Antibody; LRG1/Leucine Rich alpha-2-glycoprotein 1 Mouse Monoclonal Antibody [Clone LRG1/4882]; 1300008B03Rik; 2310031E04Rik; A2GL; HMFT1766; Leucine-rich alpha-2-glycoprotein 1; Leucine-rich alpha-2-glycoprotein precursor; LRG1; anti-LRG1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b, kappa
Clone Number	LRG1/4882
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-LRG1 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment (around aa 30-180) of human LRG1 protein (exact sequence is proprietary)
Cellular Localization	Secreted
Positive Control	Human liver, pancreas or breast.
Hu-chromosome Location	19p13.3
Unigene	655559
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE
SDS-PAGE Analysis Purified LRG1 Mouse Monoclonal Antibody (LRG1/4882). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LRG1 antibody	LRG1 (leucine-rich alpha2-glycoprotein), also known as LRG, is a 347 amino acid secreted protein that contains 8 LRR (leucine-rich) repeats and one LRRCT domain. The leucine-rich repeat (LRR) family of proteins, including LRG1, have been shown to be involved in protein-protein interaction, signal transduction, cell adhesion and development. Found mainly in plasma, LRG1 is expressed during granulocyte differentiation. The gene that encodes LRG1 consists of nearly 3,000 bases and maps to human chromosome 19p13. 3. Chromosome 19 consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin (Ig) superfamily members, including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG families and Fc receptors (FcRs).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16418467
NCBI GeneID	116844
NCBI Accession #	NP_443204.1
NCBI GenBank Nucleotide #	NM_052972.2
UniProt Accession #	P02750; Q8N4F5; Q96QZ4
Molecular Weight	38,178 Da
NCBI Official Full Name	leucine-rich alpha-2-glycoprotein
NCBI Official Synonym Full Names	leucine-rich alpha-2-glycoprotein 1
NCBI Official Symbol	LRG1
NCBI Official Synonym Symbols	LRG; HMFT1766
NCBI Protein Information	leucine-rich alpha-2-glycoprotein; 1300008B03Rik; 2310031E04Rik; leucine rich alpha 2 glycoprotein
UniProt Protein Name	Leucine-rich alpha-2-glycoprotein
UniProt Gene Name	LRG1
UniProt Synonym Gene Names	LRG; LRG
UniProt Entry Name	A2GL_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lrg1-leucine-rich-alpha-2-glycoprotein-1-antibody-clone-lrg1-4882-immunohistochemistry-elisa/215549>