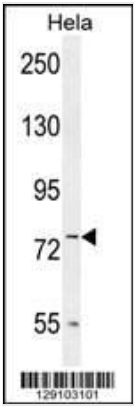
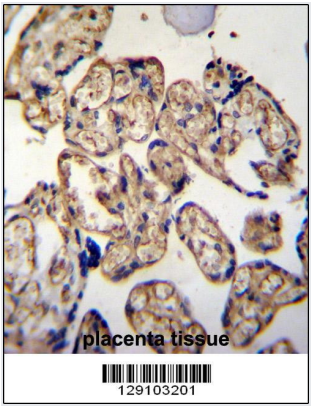
LRRC45 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

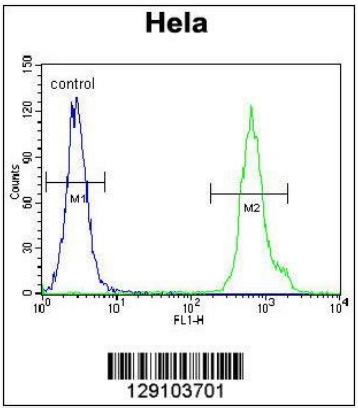
Product Name	LRRC45, Polyclonal Antibody
Full Product Name	LRRC45, CT (LRRC45, Leucine-rich repeat-containing protein 45) (AP)
Product Gene Name	anti-LRRC45 antibody
Product Synonym Names	LRRC45; Leucine-rich repeat-containing protein 45
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	75,951 Da
3D Structure	ModBase 3D Structure for Q96CN5
Immunogen	LRRC45 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 622-651 amino acids from the C-terminal region of human LRRC45.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-LRRC45 antibody	Antibodies; Leucine-rich Proteins
Applications Tested/Suitable for anti-LRRC45 antibody	Immunofluorescence (IF), ELISA (EIA), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-LRRC45 antibody	IF: 1:10-50 ELISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-LRRC45 antibody	MBS6317153 is an antibody targeting LRRC45. Also known as LRRC45, CT (LRRC45, Leucine-rich repeat-containing protein 45) (AP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-LRRC45 antibody	Olsen, J.V., et al. Cell 127(3):635-648(2006). Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004).
Other Notes	Small volumes of anti-LRRC45 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



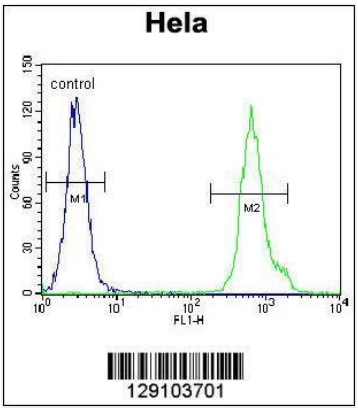
Western Blot (WB) of anti-LRRC45 antibody
LRRC45 Antibody (C-term) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the LRRC45 antibody detected the LRRC45 protein (arrow).



Immunohistochemistry (IHC) of anti-LRRC45 antibody
LRRC45 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LRRC45 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry (FC/FACS) of anti-LRRC45 antibody
LRRC45 Antibody (C-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence (IF) of anti-LRRC45 antibody
Confocal immunofluorescent analysis of LRRC45 Antibody (C-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRRC45. It may not necessarily be applicable to this product.

NCBI GI #	21450705
NCBI GeneID	201255
NCBI Accession #	NP_659436.1
UniProt Primary Accession #	Q96CN5
UniProt Related Accession #	Q96CN5
GenBank Nucleotide #	NM_144999.2
NCBI Official Full Name	leucine-rich repeat-containing protein 45
NCBI Official Synonym Full Names	leucine rich repeat containing 45
NCBI Official Symbol	LRRC45
UniProt Protein Name	Leucine-rich repeat-containing protein 45
Protein Family	Leucine-rich repeat-containing protein
UniProt Gene Name	LRRC45
UniProt Entry Name	LRC45_HUMAN

NCBI Protein Information	leucine-rich repeat-containing protein 45
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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