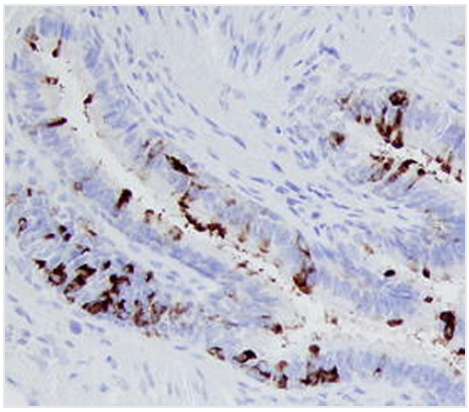
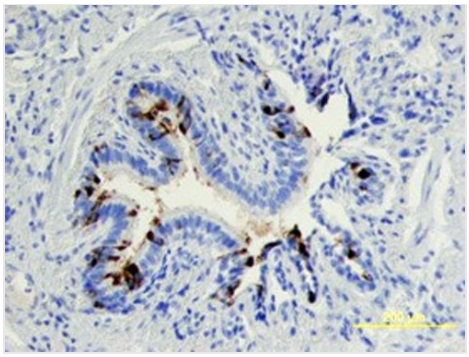
Clara Cell Protein Antibody – Rat Monoclonal

PRODUCT OVERVIEW

Product Name	Clara Cell Protein, Monoclonal Antibody
Full Product Name	Clara Cell Protein (CC16, CC10, Uteroglobin, Urinary Protein 1, Clara Cell Secretory Protein)
Product Synonym Names	Anti -Clara Cell Protein (CC16, CC10, Uteroglobin, Urinary Protein 1, Clara Cell Secretory Protein)
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7H197
Host	Rat
Species Reactivity	Human
Form/Format	Supplied as a lyophilized powder from PBS, 5% trehalose. Reconstitute with 200ul sterile PBS.
Purity/Purification	Affinity Purified Purified by Protein G affinity chromatography from hybridoma culture supernatant.
Concentration	~0.5mg/ml(after reconstitution) (lot specific)
Specificity	Recognizes human Clara Cell Protein.
Preparation and Storage	Lyophilized and reconstituted products are stable for 12 months after receipt at -20°C. Reconstitute with sterile PBS. Aliquot to avoid repeated freezing and thawing. Store at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
3D Structure	ModBase 3D Structure for P11684
Immunogen	Recombinant protein corresponding to aa Glu22-Asn91 from human Clara Cell Protein, expressed in E.coli.
Product Categories/Family for anti-Clara Cell Protein antibody	Antibodies; Abs to Disease Markers
Applications Tested/Suitable for anti-Clara Cell Protein antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-Clara Cell Protein antibody	Suitable for use in Immunohistochemistry, Western Blot and ELISA. Dilution: Immunohistochemistry: 8-25ug/ml usinh immersion fixed praffin-embedded sections of human lung subjected to antigen retrieval reagen-basic. Western Blot: 1ug/ml using recombinant human Uteroglobin. Optimal dilutions to be determined by the researcher.
Related Product Information for anti-Clara Cell Protein antibody	Uteroglobin, previously called CCPBP, CC10 or blastokinin, is a small secreted protein of the secretoglobin (family 1A, member 1). Uteroglobin is expressed by Clara cells, the non-ciliated, non-mucous secretory cells predominant in lung bronchioles, and by other epithelia that communicate with the external environment. Uteroglobin binds to phospholipids and to several cell types, inhibiting inflammation, migration and invasion. It has been reported to bind the lipocalin-1 receptor. The mature 70aa protein forms a disulfide-linked heterodimer of 16kD.
Other Notes	Small volumes of anti-Clara Cell Protein 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.
Searchable Terms for Clara Cell Protein purchase	MBS600548 is an antibody targeting Clara Cell Protein. Also known as Clara Cell Protein (CC16, CC10, Uteroglobin, Urinary Protein 1, Clara Cell Secretory Protein). Reactive in Human. Host: Rat.



Immunohistochemistry (IHC) of anti-Clara Cell Protein antibody
Immunohistochemical staining fo paraffin-embedded human lung section using MBS600548 with heat-induced epitope retrieval. Staining was done using anti-mouse HRP/DAB and hematoxylin blue as counterstain.



Immunohistochemistry (IHC) of anti-Clara Cell Protein antibody
Immunohistochemistry-Uteroglobin/SCGB1A1 in Human Lung.

ADDITIONAL DETAILS

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

NCBI GI #	157830545
NCBI Accession #	NP_003348
UniProt Primary Accession #	P11684
NCBI Official Full Name	Chain A, Refined Structure Of Rat Clara Cell 17 Kda Protein At 3.0 Angstroms Resolution
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/clara-cell-protein/600548