

Datasheet for 600-401-DF8**OCC-1 Antibody****Overview**

Description:	Anti-OCC-1 (RABBIT) Antibody - 600-401-DF8
Item No.:	600-401-DF8
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	OCC-1 (Overexpressed in colon carcinoma-1) was initially identified as a novel human cDNA overexpressed in a colon carcinoma cell line. Elevated levels of OCC-1 mRNA were observed in three of eight colon carcinomas, suggesting that OCC-1 may be a hallmark of only a subset of colon carcinomas. It is highly expressed in skeletal muscle, kidney, placenta, and pancreas tissues, with low to no expression in heart, brain, lung and liver tissues. At least two different OCC-1 mRNA species are known to exist.
Synonyms:	OCC-1 Antibody, AGD3, OCC-1, C12orf75, Overexpressed in colon carcinoma 1 protein
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	OCC1
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-OCC-1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid synthetic peptide near the N-terminus of human OCC-1.
Purity/Specificity:	Anti-OCC-1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with OCC-1 from other sources has not been determined.

Relevant Links:	• UniProtKB - Q8TAD7 • GeneID - 387882 • NCBI - AAH61920
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Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-OCC-1 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 6 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000
IF:	20 µg/mL
IHC:	2.5 µg/mL
WB:	2 µg/mL

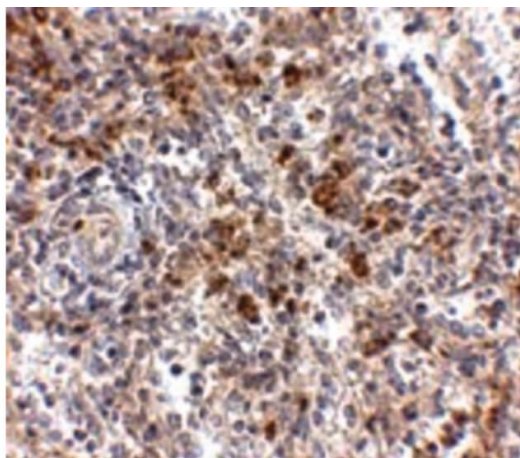
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

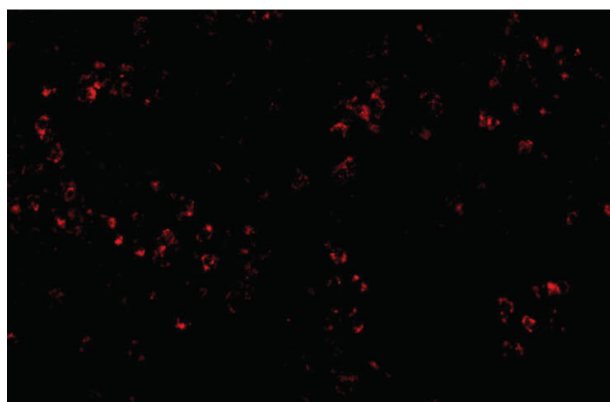
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry

Immunohistochemistry of OCC-1 antibody. Tissue: Human spleen tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: OCC-1 antibody at 2.5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: OCC-1 is nuclear and occasionally cytoplasmic. Staining: OCC-1 as a precipitated red signal with hematoxylin purple nuclear counterstain.



Immunofluorescence Microscopy

Immunofluorescence Microscopy of OCC-1 antibody. Tissue: Human spleen tissue. Fixation: 0.5% PFA. Antigen retrieval: not required. Primary antibody: OCC-1 antibody at 20 µg/mL for 1 h at RT. Secondary antibody: Fluorescein rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: OCC-1 as a red fluorescent signal.



Western Blot

Western Blot of OCC-1 antibody. Lane A: Human spleen tissue lysate at 2 µg/mL. Load: 35 µg per lane. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 6.4 kDa, ~28 kDa for OCC-1.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.