

Anti-xCT antibody ab37185

★★★★★ [2 Abreviews](#) [87 References](#) [2 图像](#)

概述

产品名称	Anti-xCT抗体
描述	兔多克隆抗体to xCT
宿主	Rabbit
经测试应用	适用于: IHC-P, ICC/IF
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human xCT aa 1-50 (N terminal). The exact sequence is proprietary. Sequence: MVRKPVVSTISKGGYLQGNVNGRLPSLGNKEPPGQEKVQLKR KVTLLRGV Database link: Q9UPY5 Run BLAST with Run BLAST with
阳性对照	ICC/IF: HepG2 cells. IHC-P: Human small intestine tissue.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide
纯度	Protein A purified
纯化说明	Affinity purified antibody.
克隆	多克隆

同种型

lgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab37185于以下的经测试应用

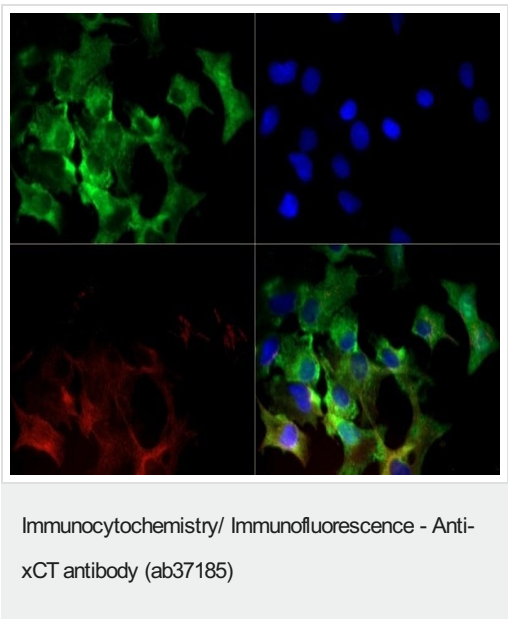
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.
ICC/IF		1/100 - 1/1000.

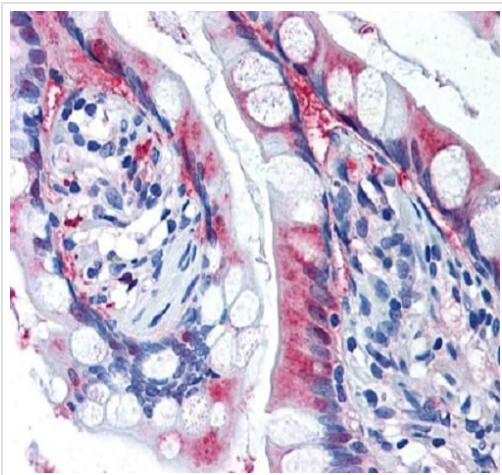
靶标

功能	Sodium-independent, high-affinity exchange of anionic amino acids with high specificity for anionic form of cystine and glutamate.
序列相似性	Belongs to the amino acid-polyamine-organocation (APC) superfamily. L-type amino acid transporter (LAT) (TC 2.A.3.8) family.
细胞定位	Membrane.
形式	xCT has a predicted molecular weight of 55 kDa; however it has a high number of hydrophobic residues which may affect the migration of the protein in SDS-PAGE. Endogenous monomeric xCT is expected to migrate at ~35 kDa and modified-xCT is expected to migrate at ~55 kDa (PMID: 17035536)

图片



Immunocytochemistry/ Immunofluorescence analysis of HepG2 cells labeling xCT with ab37185 followed by Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red) respectively.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-xCT antibody (ab37185)

Immunohistochemical analysis of human small intestine labeling xCT with ab37185. Staining is observed in the absorptive epithelia of small intestinal villi.

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