

<http://www.uniprot.org/citations/27791009> target="_blank">27791009). The metabolism of glutathione by GGT1 releases free glutamate and the dipeptide cysteinyl-glycine, which is hydrolyzed to cysteine and glycine by dipeptidases (PubMed:http://www.uniprot.org/citations/27791009 target="_blank">27791009). In the presence of high concentrations of dipeptides and some amino acids, can also catalyze a transpeptidation reaction, transferring the gamma-glutamyl moiety to an acceptor amino acid to form a new gamma-glutamyl compound (PubMed:http://www.uniprot.org/citations/17924658 target="_blank">17924658, PubMed:http://www.uniprot.org/citations/21447318 target="_blank">21447318, PubMed:http://www.uniprot.org/citations/7673200 target="_blank">7673200, PubMed:http://www.uniprot.org/citations/7759490 target="_blank">7759490, PubMed:http://www.uniprot.org/citations/8095045 target="_blank">8095045, PubMed:http://www.uniprot.org/citations/8827453 target="_blank">8827453). Contributes to cysteine homeostasis, glutathione homeostasis and in the conversion of the leukotriene LTC4 to LTD4.

Cellular Location

Cell membrane; Single-pass type II membrane protein {ECO:0000250|UniProtKB:P07314}

Tissue Location

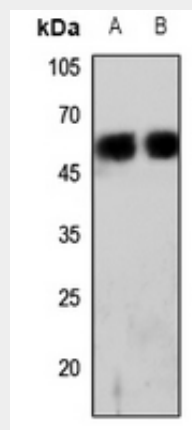
Detected in fetal and adult kidney and liver, adult pancreas, stomach, intestine, placenta and lung. There are several other tissue-specific forms that arise from alternative promoter usage but that produce the same protein

Anti-CD224 HC Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD224 HC Antibody - Images



Western blot analysis of CD224 HC expression in HEK293T (A), rat kidney (B) whole cell lysates.

Anti-CD224 HC Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD224 HC. The exact sequence is proprietary.