MultiPro^{TM} 5CFLX Anti-Human LASP1 (1G4B6)

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Catalog Number:G68080-1-5C

Basic Information

Catalog Number: G68080-1-5C	**GenBank Accession Number:** BC012460	**CloneNo.:** 1G4B6
Size: 500ug/mL	**GeneID (NCBI):** 3927	**Conjugate:** 5CFLX
Source: Mouse	**ENSEMBL Gene ID:** ENSG00000002834	**Full Oligo Sequence:** CGGAGATGTGTATAAGAGACAGACAA TACACCAGCACCCCATATAAGAAA
Isotype: IgG1	**UNIPROT ID:** Q14847	**Barcode Sequence:** ACAATACACCAGCAC
Immunogen Catalog Number: AG18101	**Full Name:** MultiPro^{TM} 5CFLX Anti-Human LASP1 (1G4B6)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
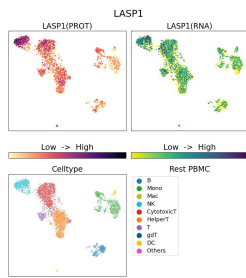Human

Background Information

LASP1(LIM and SH3 protein 1), also known as MLN50, is a 261 amino acid protein that localizes to both the cytoplasm and the cytoskeleton(PMID: 7589475). LASP1 consists of an N-terminal LIM-domain with two zinc finger motifs, followed by two central actin-binding nebulin repeats, flanked by a linker region and a C-terminal SH3 domain (PMID: 17177073, 9848085). LASP-1 interacts with F-Actin and plays an important role in the regulation of Actin-associated cytoskeletal organization. Agonist-dependent changes in LASP1 phosphorylation may regulate Actin-related ion transport activities in epithelial cells (PMID: 15465019,12571245). Overexpression of LASP-1 is associated with breast cancer, and plays a role in tumor transformation and metastasis (PMID: 17956604).
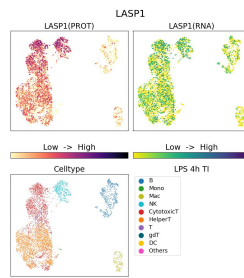
Storage

Storage:
2-8℃
Storage Buffer:
PBS with 1mM EDTA and 0.09% sodium azide

G68080-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.

G68080-1-5C was used to stain PBMC under 4hr LPS + TI treatment and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.