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C6orf115 Rabbit pAb

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Catalog # AP55874

Product Information

Primary Accession	Q9P1F3
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9056
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C6orf115
Epitope Specificity	1-50/81
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	C6orf115 is a Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatiblity complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6. The C6orf115 gene product has been provisionally designated C6orf115 pending further characterization.

Additional Information

Gene ID	58527
Other Names	Costars family protein ABRACL, ABRA C-terminal-like protein, ABRACL, C6orf115
Dilution	Flow-Cyt=2ug/Test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

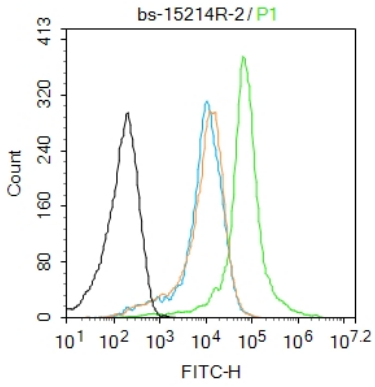
Protein Information

Name	ABRACL
Synonyms	C6orf115
Function	Associates with the actin cytoskeleton and may modulate actin dynamics, in favor of increasing the relative content of F-actin, therefore may play a role in cell migration. May be acting by inhibiting CFL1-mediated actin depolymerization.
Cellular Location	Cell projection, lamellipodium. Cell projection, cilium

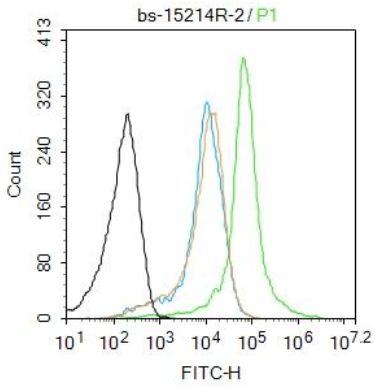
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Images



Blank control:Mouse spleen.
Primary Antibody (green line): Rabbit Anti-C6orf115 antibody (AP55874)
Dilution: 2 µg /10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG .
Secondary Antibody : Goat anti-rabbit IgG-AF488
Dilution: 1 µg /test.
Protocol
The cells were fixed with 70% ethanol (10min at room temperature) and then were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.