

## Anti-C6orf115 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow)
Molecular Weight:	Theoretical: 9 kDa.
Purification:	Protein A purified

## Applications

Blank control: Mouse spleen.  
Primary Antibody (green line): Rabbit Anti-C6orf115 antibody (TMAB-03460)  
Dilution: 2 µg /10<sup>6</sup> cells;  
Isotype Control Antibody (orange line): Rabbit IgG.  
Secondary Antibody: Goat anti-rabbit IgG-AF488

Verified Activity: Dilution: 1 µg /test.

## Protocol

The cells were fixed with 70% ethanol (10 min 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.

Application: FCM

Recommended FCM: 2µg/Test

## Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human C6orf115
Antigen Species:	Human
Gene ID:	58527
Uniprot ID:	Q9P1F3

## Research Background

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. Porphyrria 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 histocompatibility 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

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susceptibility locus has been identified on the q arm of chromosome 6. The C6orf115 gene product has been provisionally designated C6orf115 pending further characterization.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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