

## CD116 Rabbit pAb

CatalogNo: YT5262

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse

**Applications**

- WB, IHC, IF, ELISA

**MW**

- 44kD (Observed)

**Isotype**

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000****IHC: 1:100-300****ELISA 1:20000****IF 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from the Internal region of human CSF2RA. AA range:121-170**Specificity** CD116 Polyclonal Antibody detects endogenous levels of CD116 protein.

### Target Information

**Gene name** CSF2RA

**Protein Name** Granulocyte-macrophage colony-stimulating factor receptor subunit alpha

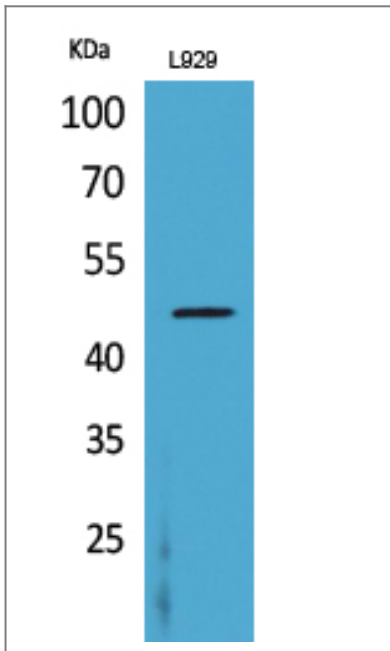
Organism	Gene ID	UniProt ID
Human	<a href="#">1438</a> ;	<a href="#">P15509</a> ;
Mouse		<a href="#">Q00941</a> ;

**Cellular Localization** Cell membrane; Single-pass type I membrane protein.; [Isoform 3]: Secreted .; [Isoform 4]: Secreted .; [Isoform 6]: Secreted .

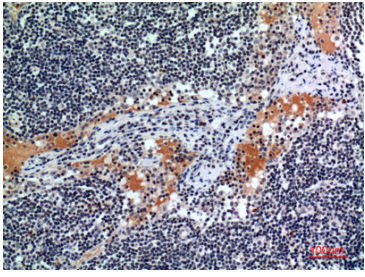
**Tissue specificity** Blood,Placenta,Synovial membrane tissue,Uterus,

**Function** Domain:The box 1 motif is required for JAK interaction and/or activation.,Domain:The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.,Function:Low affinity receptor for granulocyte-macrophage colony-stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells.,miscellaneous:The gene encoding for this protein is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes.,similarity:Belongs to the type I cytokine receptor family. Type 5 subfamily.,subunit:Heterodimer of an alpha and a beta subunit. The beta subunit is common to the IL3, IL5 and GM-CSF receptors.,

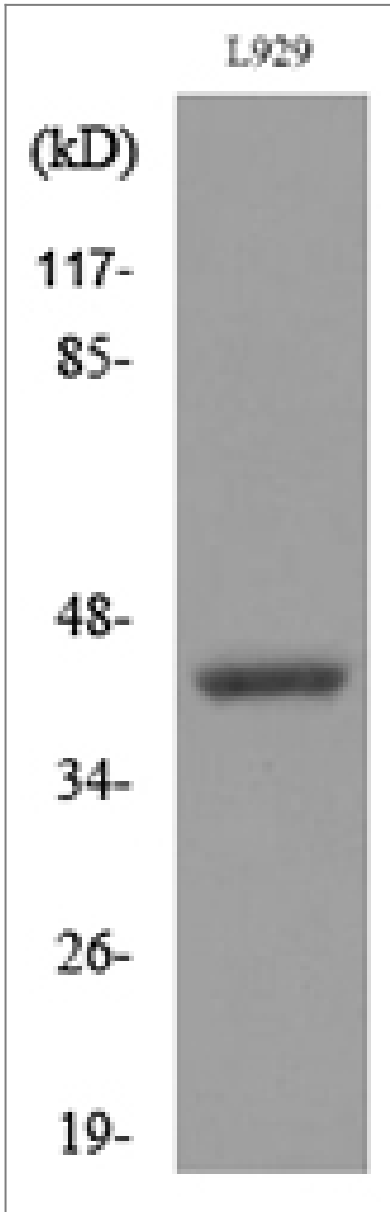
## Validation Data



Western Blot analysis of L929 cells using CD116 Polyclonal Antibody. Secondary antibody (catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:100



Western blot analysis of lysate from L929 cells, using CSF2RA Antibody.

## Contact information

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