

## 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

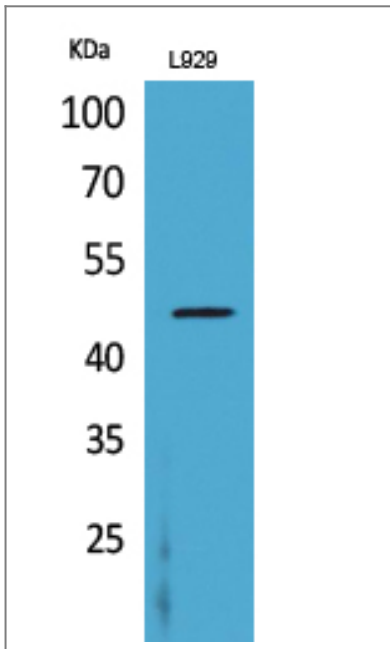
Organism	Gene ID	UniProt ID
Human	<a href="#">1438;</a>	<a href="#">P15509;</a>
Mouse		<a href="#">Q00941;</a>

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

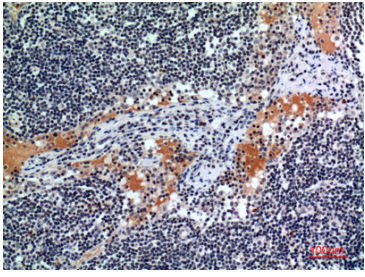
**Tissue specificity** Blood ,Placenta ,Synovial membrane tissue ,Uterus ,

**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. ,

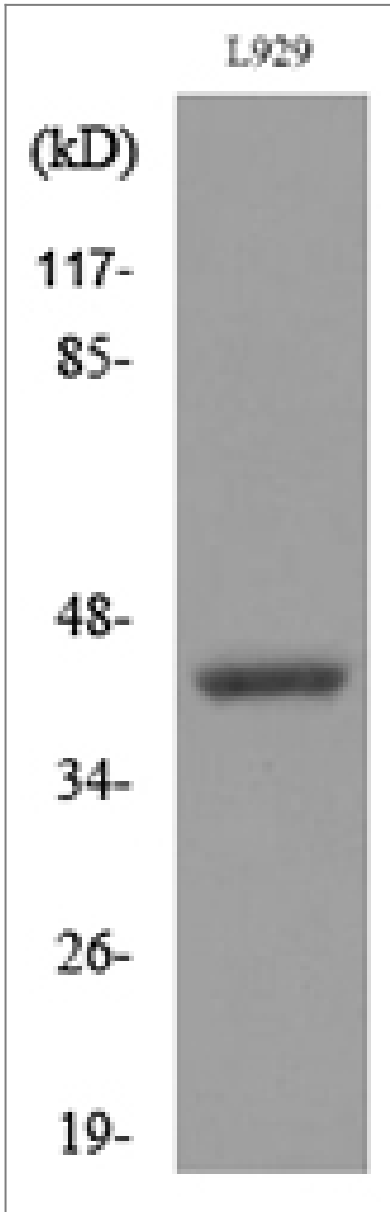
## Validation Data



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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