

## Anti-KITLG Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P106209

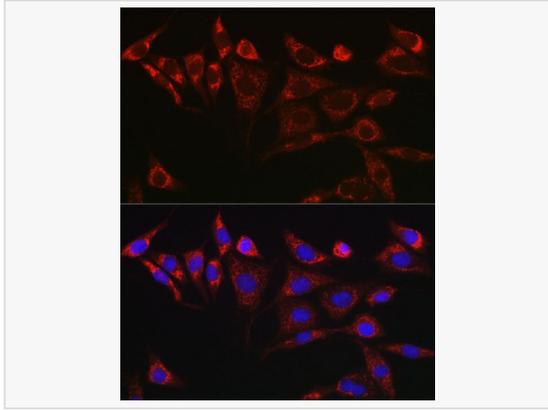
### Product Information

|             |   |
|-------------|---|
| Application | WB, IF (Cell)/ICC, ELISA  |
| Reactivity  | Human, Mouse, Rat   |
| Dilution    | WB 1:500~1:1,000; IF 1:50~1:200   |
| Host        | Rabbit  |
| Clonality   | Polyclonal  |
| Isotype     | IgG   |
| Label       | Unconjugated  |
| Immunogen   | Recombinant fusion protein containing a sequence corresponding to amino acids 120-190 of human KITLG (NP_000890.1).         |
| Format      | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.                     |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-KITLG Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.                     |

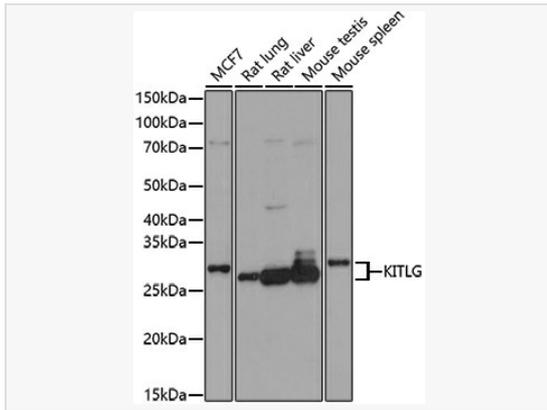
### Protein Information

|               |   |
|---------------|---|
| Synonyms      | SF; MGF; SCF; SLF; DCUA; FPH2; FPHH; KL-1; Kitl; WS2F; SHEP7; DFNA69; KITLG.  |
| Calculated MW | Calculated MW: 31 kDa; Observed MW: 31 kDa  |
| Uniprot ID    | P21583  |
| Gene ID       | 4254  |
| Background    | This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. |

## Validation Images



Immunofluorescence analysis of NIH/3T3 cells using KITLG Rabbit pAb (P106209) at dilution of 1:20 (40 $\times$  lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using KITLG Rabbit pAb (P106209) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 10s.