

## PILRA Polyclonal Antibody

Catalog number: 11818-1-AP

Size: 27 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

PILRA; Cell surface receptor

FDF03, FDF03, Inhibitory

receptor PILR alpha, PILRA

### Background

Paired receptors consist of highly related activating and inhibitory receptors and are widely involved in the regulation of the immune system. Paired immunoglobulin-like type 2 receptor alpha (PILR $\alpha$ ) and PILR $\beta$  are paired receptors bearing highly similar extracellular ligand-binding domains but divergent intracellular signaling domains. PILR $\alpha$  is the immune inhibitory receptor possessing an immunoreceptor tyrosine-based inhibitory motif (ITIM) in its cytoplasmic domain enabling it to deliver inhibitory signals. Binding of PILR $\alpha$  to its ligand CD99 is involved in immune regulation. PILR $\alpha$  can also recognize other ligands, PILR-associating neural protein (PANP), and HSV-1 glycoprotein B (HSV-1 gB).

### Applications

Tested applications:	ELISA
Species specificity:	Human; other species not tested.
Calculated PILRA MW:	303aa,34kd
Observed PILRA MW:	

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2385
GenBank accession number:	BC017812
Gene ID (NCBI):	29992
Full name:	Paired immunoglobulin-like type 2 receptor alpha

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.