

## ARG45682 anti-ORP8 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ORP8
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ORP8
Species	Human
Immunogen	Recombinant protein containing to human ORP8.
Conjugation	Un-conjugated
Alternate Names	OSBPL8; Oxysterol Binding Protein Like 8; OSBP10; ORP8; MSTP120; MST120; Oxysterol-Binding Protein-Related Protein 8; OSBP-Related Protein 8; Oxysterol Binding Protein-Like 8; KIAA1451; ORP-8

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

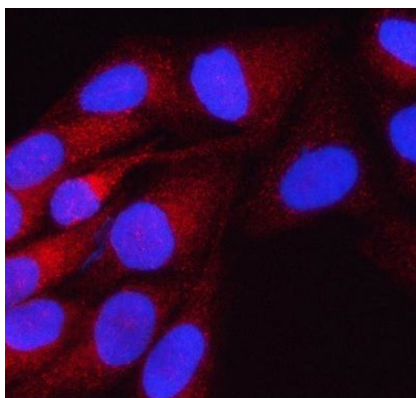
### Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

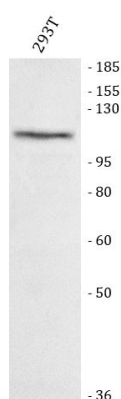
Gene Symbol	OSBPL8
Gene Full Name	Oxysterol Binding Protein Like 8
Background	This gene encodes a member of a family of proteins containing an N-terminal pleckstrin homology domain and a highly conserved C-terminal oxysterol-binding protein-like sterol-binding domain. It binds multiple lipid-containing molecules, including phosphatidylserine, phosphatidylinositol 4-phosphate (PI4P) and oxysterol, and promotes their exchange between the endoplasmic reticulum and the plasma membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]
Function	Lipid transporter involved in lipid countertransport between the endoplasmic reticulum and the plasma membrane: specifically exchanges phosphatidylserine with phosphatidylinositol 4-phosphate (PI4P), delivering phosphatidylserine to the plasma membrane in exchange for PI4P, which is degraded by the SAC1/SACM1L phosphatase in the endoplasmic reticulum. Binds phosphatidylserine and PI4P in a mutually exclusive manner. [UniProt]
Calculated Mw	101 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Endoplasmic reticulum; Membrane; Nucleus. [UniProt]

## Images



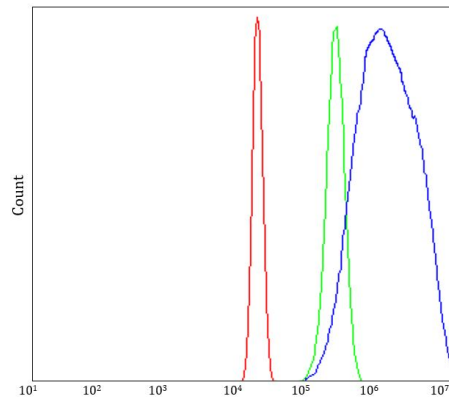
ARG45682 anti-ORP8 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45682 anti-ORP8 antibody at 5 µg/ml dilution.



ARG45682 anti-ORP8 antibody WB image

Western blot: 293T stained with ARG45682 anti-ORP8 antibody at 0.5 µg/ml dilution.



#### ARG45682 anti-ORP8 antibody FACS image

Flow Cytometry: HepG2 stained with ARG45682 anti-ORP8 antibody at  $1\text{ }\mu\text{g}/10^6$  cells dilution.