

ARG45508 anti-SAMD9L antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SAMD9L
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Specificity	SAMD9L
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SAMD9L
Species	Human
Immunogen	Recombinant protein containing to human SAMD9L.
Conjugation	Un-conjugated
Alternate Names	SAMD9L; Sterile Alpha Motif Domain Containing 9 Like; KIAA2005; C7orf6; Sterile Alpha Motif Domain-Containing Protein 9-Like; SAM Domain-Containing Protein 9-Like; FLJ39885; DRIF2; Sterile Alpha Motif Domain Containing 9-Like; Chromosome 7 Open Reading Frame 6; Neutrophil Migration; C7DELq; M7MLS1; ATXPC; DEL7q; MLSM7; SCA49; UEF1; UEF

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 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.
Observed Size	200 kDa	

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 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.

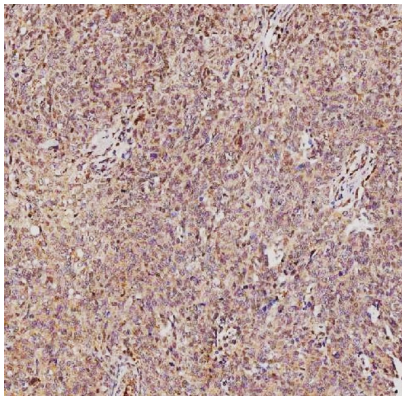
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

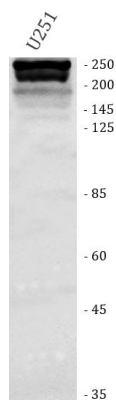
Gene Symbol	SAMD9L
Gene Full Name	Sterile Alpha Motif Domain Containing 9 Like
Background	This gene encodes a cytoplasmic protein that acts as a tumor suppressor but also plays a key role in cell proliferation and the innate immune response to viral infection. The encoded protein contains an N-terminal sterile alpha motif domain. Naturally occurring mutations in this gene are associated with myeloid disorders such as juvenile myelomonocytic leukemia, acute myeloid leukemia, and myelodysplastic syndrome. Naturally occurring mutations are also associated with hepatitis-B related hepatocellular carcinoma, normophosphatemic familial tumoral calcinosis, and ataxia-pancytopenia syndrome. [provided by RefSeq, Apr 2017]
Function	May be involved in endosome fusion. Mediates down-regulation of growth factor signaling via internalization of growth factor receptors. [UniProt]
Calculated Mw	185 kDa
Cellular Localization	Endosome; Mitochondrion. [UniProt]

Images



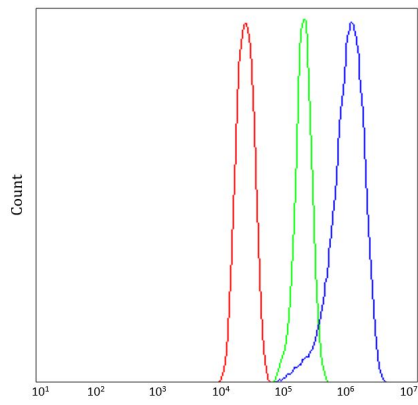
ARG45508 anti-SAMD9L antibody IHC-P image

Immunohistochemistry: Human cervix squamous cell carcinoma stained with ARG45508 anti-SAMD9L antibody at 2 µg/ml dilution.



ARG45508 anti-SAMD9L antibody WB image

Western blot: U251 stained with ARG45508 anti-SAMD9L antibody at 0.5 µg/ml dilution.



ARG45508 anti-SAMD9L antibody FACS image

Flow Cytometry: U251 stained with ARG45508 anti-SAMD9L antibody at $1\text{ }\mu\text{g}/10^6$ cells dilution.