

For research use only

KG618 Anti human Actinin-4 splice variant Monoclonal Antibody

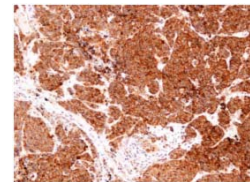
Clone No. 15H2

Target human actinin-4 splice variant
Category Oncology
Gene ID 81
Primary Source HGNC:166
Synonyms alternatively spliced actinin-4 variant, ACTN4 splice variant

Type Monoclonal Antibody
Immunogen DIVGTLRPDEKAIMTYVSC
Raised in GANP® mouse
Myeloma P3U1
Clone number 15H2
Purification ProteinG
Source Serum-free medium
Isotype IgG1κ
Cross Reactivity Not tested
Label Unlabeled
Concentration 0.25mg/ml
Contents (Volume) 50µg (200µL/vial)
Buffer PBS [2%Block Ace, 0.1%Proclin]



Westernblotting
 Sample : Lu135 cell lysate
 SBC-3 cell lysate



Immunohistochemistry
 Sample : small cell lung cancer (paraffin section)

Storage Store at - 20°C long term, store at 4°C short term. Avoid repeated freeze-thaw cycles.

Application WB, IHC

ELISA	WB	IHC	ICC
-	2.5	5.0	Not tested
IP	FCM	IF	Neutralization
Not tested	Not tested	Not tested	Not tested

(µg/mL)

Reference

Honda, K., et al. Alternative splice variant of actinin-4 in small cell lung cancer - *Oncogene*. 23: 5257-5262. 2004
 Miyanaga, A., et al. Diagnostic and prognostic significance of the alternatively spliced ACTN4 variant in high-grade neuroendocrine pulmonary tumours - *Annals of Oncology* 00: 1-7. 2012

UniProt Summary

//Function: F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation.
 //Subcellular location:Nucleus. Cytoplasm.
 //Tissue specificity: Widely expressed.
 //Sequence similarities: Belongs to the alpha-actinin family.