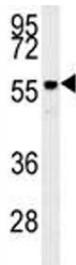


## Anti-AKT2 Antibody [clone 148CT5.4.1.4] (F40226)

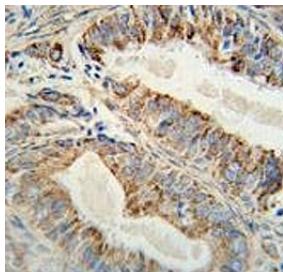
Catalog No.	Formulation	Size
F40226-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40226-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

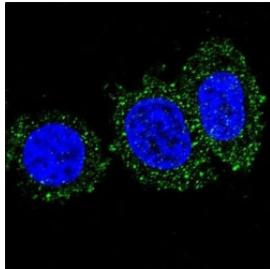
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1
<b>Clone Name</b>	148CT5.4.1.4
<b>Purity</b>	Purified
<b>UniProt</b>	P31751
<b>Applications</b>	Western Blot : 1:100-1:500 IHC (Paraffin) : 1:50-1:100 Immunofluorescence : 1:10-1:50
<b>Limitations</b>	This anti-AKT2 antibody is available for research use only.



Anti-AKT2 antibody western blot analysis in mouse brain tissue lysate. Predicted molecular weight: ~56kDa.



Anti-AKT2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma.



Confocal immunofluorescent analysis of anti-AKT2 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used as a nuclear counterstain (blue).

## Description

AKT2 is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains. AKT2 was shown to be amplified and overexpressed in 2 of 8 ovarian carcinoma cell lines and 2 of 15 primary ovarian tumors. Overexpression contributes to the malignant phenotype of a subset of human ductal pancreatic cancers. The encoded protein is a general protein kinase capable of phosphorylating several known proteins.

## Application Notes

Titration of the anti-AKT2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This anti-AKT2 antibody was produced from a mouse immunized with AKT2 recombinant protein.

## Storage

Aliquot the anti-AKT2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.