

## PA2G4 antibody

### Product Information

Catalog No.:	FNab06094
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	5C6
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

May play a role in a ERBB3-regulated signal transduction pathway. Seems be involved in growth regulation. Acts a corepressor of the androgen receptor(AR) and is regulated by the ERBB3 ligand neuregulin-1/herregulin(HRG). Inhibits transcription of some E2F1-regulated promoters, probably by recruiting histone acetylase(HAT) activity. Binds RNA. Associates with 28S, 18S and 5.8S mature rRNAs, several rRNA precursors and probably U3 small nucleolar RNA. May be involved in regulation of intermediate and late steps of rRNA processing. May be involved in ribosome assembly. Mediates cap-independent translation of specific viral IRESs(internal ribosomal entry site)(By similarity). Regulates cell proliferation, differentiation, and survival. Isoform 1 suppresses apoptosis whereas isoform 2 promotes cell differentiation(By similarity).

### Immunogen information

Immunogen:	proliferation-associated 2G4, 38kDa
Synonyms:	Proliferation-associated protein 2G4 Cell cycle protein p38-2G4 homolog (hG4-1) ErbB3-binding protein 1 PA2G4 EBP1
Observed MW:	48 kDa
Uniprot ID :	Q9UQ80

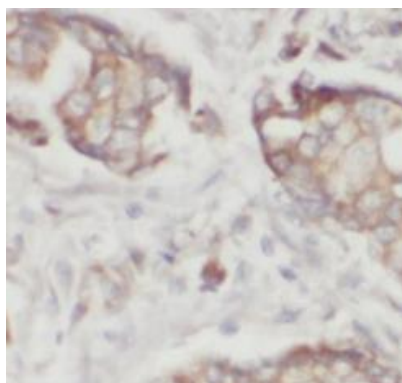
### Application

Reactivity:	Human
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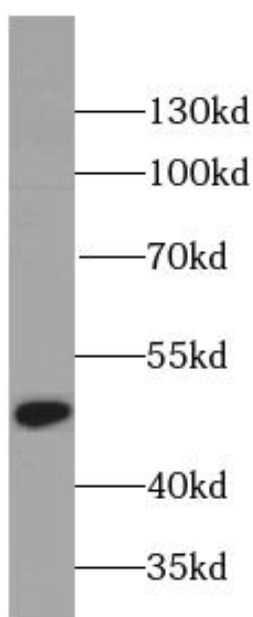
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:500; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab06094( PA2G4 Antibody) at dilution of 1:200



HeLa cells were subjected to SDS PAGE followed by western blot with FNab06094(PA2G4 antibody) at dilution of 1:1000