

### 32-5785: Mouse Anti Human Neuregulin1 isoform HRG-beta3(Clone:Pk1G13AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	Pk1G13AT.
<b>Application :</b>	ELISA,WB
<b>Format :</b>	Purified
<b>Isotype :</b>	Mouse IgG1 heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human NRG1 mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human NRG1 amino acids 20-241 purified from E. coli.

#### Description

NRG1 is one of 4 proteins in the neuregulin family which act on the EGFR family of receptors. NRG1 was initially identified as a 44kDa glycoprotein that interacts with the ERBB2 receptor tyrosine kinase to increase its phosphorylation on tyrosine residues. In various brain areas, NRG1 is expressed at synaptic regions and its processing can be regulated by neuronal activity. The HRG-beta3variant of NRG1, along with HRG-alpha, beta1 and beta2 variants, was identified in various normal tissues and cancer cell lines.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	NRG1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

NRG1 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000. Recommended starting dilution is 1:1,000.