

Anti-NRG1 antibody

Cat. No.	ml262940
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-NRG1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human NRG1
Reactivity	Human, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	NRG1
Full name	neuregulin 1
Synonyms	GGF; HGL; HRG; NDF; ARIA; GGF2; HRG1; HRGA; SMDf; MST131; MSTP131; NRG1-IT2
Swissprot	Q02297

Target Background

The protein encoded by this gene is a membrane glycoprotein that mediates cell-cell signaling and plays a critical role in the growth and development of multiple organ systems. An extraordinary variety of different isoforms are produced from this gene through alternative promoter usage and splicing. These isoforms are expressed in a tissue-specific manner and differ significantly in their structure, and are classified as types I, II, III, IV, V and VI. Dysregulation of this gene has been linked to diseases such as cancer, schizophrenia, and bipolar disorder (BPD).

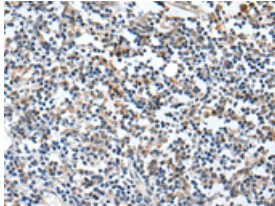
Applications

Immunohistochemistry

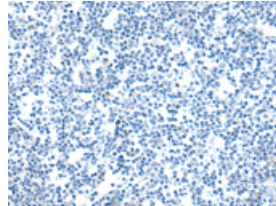
Predicted cell location: Cell membrane and Secreted

Positive control: Human tonsil

Recommended dilution: 10-50



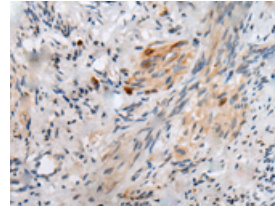
The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml262940(NRG1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



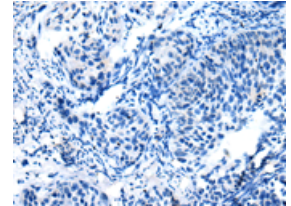
Predicted cell location: Cell membrane and Secreted

Positive control: Human cervical cancer

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml262940(NRG1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



ELISA

Recommended dilution: 5000-10000

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