



Her2/neu

Catalog No. PY-20093

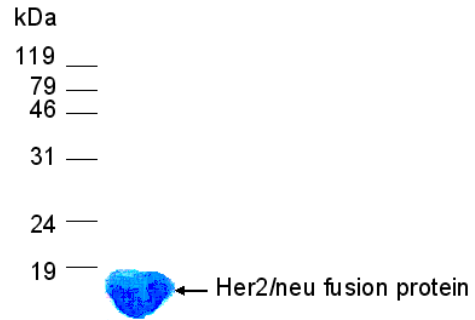
Scale: 1 mg

Form: lyophilized protein

Target description

Her2 (human epidermal growth factor receptor-2; also known as erbB2) and its relatives Her1 (epidermal growth factor receptor; EGFR), Her3 and Her4 belong to the Her family of receptor tyrosine kinases. In normal cells, activation of this receptor tyrosine kinase family triggers a rich network of signaling pathways that control normal cell growth, differentiation, motility and adhesion in several cell lineages. The first tumor studied for an alteration of the Her2 oncogene is breast carcinoma, and so far the majority of studies have been performed on this onco-type. Although involvement of Her2 as a cause of human cell transformation needs to be further investigated, overexpression of the Her2 oncogene in human breast carcinomas has been associated with a more aggressive course of disease.

SDS PAGE analysis (Commassie blue staining)



20% SDS PAGE gel

Products

E. coli derived Her2/neu (aa. 77-146) fusion protein with His tag

Comments

Protein ID : GI:119533

Fusion tag : 4kDa (His-tag)

Purity : > 90%

Fusion protein size : 15 kDa

Storage

Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml. For long-term storage at -20°C. Aliquot to avoid repeated freezing and thawing.

Application

Dilute with 1XPBS for Western blot, ELISA test antigen, Immunogen