Human CD340(Her2)

Cat No.:	03-01-2243
Product Name:	Human CD340(Her2)
Description:	Her2 is a membe of ErbB family composed of four plasma membrane-bound receptor tyrosine kinases,including epidermal growth factor receptor, erbB-3 (neuregulin-binding; lacks kinase domain), and erbB-4, which is part of several cell surface receptor complexes, but that apparently needs a coreceptor for ligand binding. Essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor. Regulates outgrowth and stabilization of peripheral microtubules (MTs).Amplification or over-expression of the ERBB2 gene occurs in approximately 15-30% of breast cancers.It is strongly associated with increased disease recurrence and a poor prognosis.Over-expression is also known to occur in ovarian, stomach, and aggressive forms of uterine cancer, such as uterine serous endometrial carcinoma.HER-2 is overexpressed in approximately 7-34% of patients with gastric cancer(22%).HER2 is the target of the monoclonal antibody trastuzumab (marketed as Herceptin).
Type:	Protein

Property:	Recombinant Protein
Source:	HEK293
Genbank No.:	P04626 (aa.23-652)
Applications:	ELISA, WB, Immunogen
Formulation:	Each vial contains 50ug purified protein(1mg/ml) in PBS(pH7.4).
Purity:	>95%
Storage:	Store at -80°C, Avoid freeze / thaw cycle.
Limitation:	For research use only, not for use in diagnostic procedures.