

### 30-2578: Anti-Human CD340 Antibody (Clone : 24D2)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	24D2
<b>Application :</b>	ICC, FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	ERBB2
<b>Gene ID :</b>	2064
<b>Format :</b>	Purified
<b>Alternative Name :</b>	ERBB2, NEU, NGL, HER2, TKR1, MLN 19, erb-b2 receptor tyrosine kinase 2
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	NIH-3T3/huCD340 cells

#### Description

The oncoprotein ErbB2/HER2 (human epidermal growth factor receptor 2), also known as Neu or CD340, is a 185 kDa transmembrane tyrosine kinase of cell surface growth factor receptor family. It is present in a wide variety cell types of normal human fetal and adult tissues and is frequently overexpressed in human carcinomas (e.g. in 20-30% cases of breast cancer cells). Activation of ErbB2 triggers intracellular signalling events, which are essential for cell growth and differentiation. In the last 20 years ErbB2 antigen has become very important marker and therapy target in patient care.

Specificity : The mouse monoclonal antibody 24D2 recognizes an extracellular epitope of human CD340 (HER-2), a type I transmembrane protein expressed by mesenchymal stem cells, B-lymphoblastic leukemia cells, subsets of C-ALL blasts, and various types of carcinomas.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Content :</b>	1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.