

EGFR

IN VITRO DIAGNOSTIC DATASHEET

INTENDED USE : IN VITRO DIAGNOSTIC USE

This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

DESCRIPTION :

This Antibody recognizes a protein of 170kDa, identified as EGFR. EGFR is type I receptor tyrosine kinase with sequence homology to erbB-1, -2, -3 -4 or HER-1, -2, -3 -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor (TGF- α), Heparin-binding EGF (HB-EGF), amphiregulin, betacellulin, and epiregulin. EGFR is overexpressed in breast, brain, bladder, lung, gastric, head & neck, esophagus, cervix, vulva, ovary, and endometrium tumors. It is predominantly present in squamous cell carcinomas.

CATALOG NO :	PL2041	PL2041-R7	7 ML RTU 70 TEST
		PL2041-R1	1 ML RTU 10 TEST
STAINING PATTERN :	Membrane	PL2041-1	1 ML 1/100 1000 TEST
		PL2041-0,1	0,1 ML 1/100 100 TEST

POSITIVE CONTROL : Lung adenocarcinoma

VOLUME : 7 ml Ready to Use (7 ml of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.)

HOST : Rabbit

CLONE : PL-17

ANTIBODY CONCENTRATION : Not known

SPECIES REACTIVITY : Human. Others not tested.

MICROBIOLOGICAL STATE : This product is not sterile.

PRETREATMENT : Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

PRIMARY ANTIBODY INCUBATION TIME : 60 minutes at Room Temperature

STAINING TIPS : If the staining is too light, use lower dilution or longer time. If the staining is too strong, check pretreatment, use higher dilution or shorter time.

STORAGE AND STABILITY : This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

TROUBLESHOOTING : Please contact Patolab Technical Support by e-mail (patolab@patolab.com.tr).