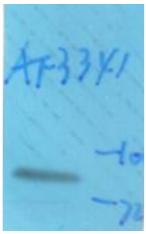
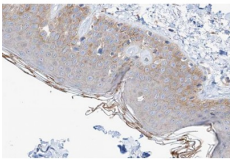
Phospho-ETK (Tyr566) Ab

Cat.#: AF3341	Concn.: 1mg/ml	Mol.Wt.: 78kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-ETK (Tyr566) Ab detects endogenous levels of ETK only when phosphorylated at Tyrosine 566.
Immunogen:	A synthesized peptide derived from human ETK around the phosphorylation site of Tyrosine 566.
Uniprot:	P51813
Description:	a tyrosine kinase of the Tec family. Activity is required for IL6-induced differentiation. May play a role in the growth and differentiation of hematopoietic cells. May be involved in signal transduction in endocardial and arterial endothelial cells.
Subcellular Location:	Cytoplasm.
Tissue Specificity:	Highly expressed in cells with great migratory potential, including endothelial cells and metastatic carcinoma cell lines.
Similarity:	SH2 domain mediates interaction with RUFY1.Belongs to the protein kinase superfamily. Tyr protein kinase family. TEC subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of Phospho-ETK (Tyr566) Ab expression in Serum treated Hela cells lysates.The lane on the right was treated with the antigen-specific peptide.



AF3341 at 1/100 staining human Skin carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

AF3341 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.