



Product Datasheet  
**CD10 monoclonal antibody (FITC )**  
Catalogue Code: AGIM0307

## Antibody Data

<b>Product SKU:</b>	AGIM0307	<b>Clone</b>	LT10
<b>Applications:</b>	FC	<b>Conjugate</b>	FITC
<b>Reactivity:</b>	Human		

## Immunogen Information:

**Host Species:** Mouse

**Isotype:** IgG1

**Storage:** Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.

## Background:

CD10 (neutral endopeptidase NEP, common acute lymphocytic leukemia antigen CALLA, membrane metallo-endopeptidase MME, enkephalinase) is a 100-kDa cell surface zinc metalloprotease cleaving peptide bonds on the N-terminus of hydrophobic amino acids and inactivating multiple physiologically active peptides. CD10 is expressed on various normal cell types, including lymphoid precursor cells, germinal center B lymphocytes, and some epithelial cells, and its expression level serves as a marker for diagnostics of many carcinomas. CD10 is also a differentiation antigen for early B-lymphoid progenitors in the B-cell differentiation pathway and has a key role in regulation of growth, differentiation and signal transduction of many cellular systems.