

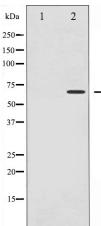
Phospho-CD19 (Tyr531) Ab

Cat.#: AF3181
 Size: 100ul,200ul

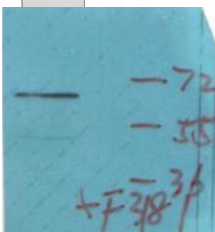
Concn.: 1mg/ml
 Source: Rabbit

Mol.Wt.: 61kDa
 Clonality: Polyclonal

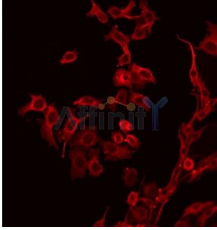
- Application:** WB 1:500-1:2000, IF/ICC 1:100-1:500
- Reactivity:** Human,Mouse
- Purification:** The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
- Specificity:** Phospho-CD19 (Tyr531) Ab detects endogenous levels of CD19 only when phosphorylated at Tyrosine 531
- Immunogen:** A synthesized peptide derived from human CD19 around the phosphorylation site of Tyrosine 531
- Uniprot:** P15391
- Description:** CD19 a cell surface molecule which assembles with the antigen receptor of B lymphocytes. A critical signal transduction molecule that regulates B lymphocyte development, activation, and differentiation.
- Subcellular Location:** Membrane.
- 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 CD19 phosphorylation expression in Serum treated COS7 whole cell lysates,The lane on the left is treated with the antigen-specific peptide.



Western blot analysis of Phospho-CD19 (Tyr531) Ab expression in Serum treated COS7 cells lysates.The lane on the right is treated with the antigen-specific peptide.



AF3181 staining HeLa 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 Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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