

## Phospho-CD31 (Tyr713) Ab

[Images\(3\)](#)

Cat.#: AF3191	Concn.: ~1mg/ml	Mol.Wt.: 82/150kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse

Storage: 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.

Purification: The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen: A synthesized peptide derived from human CD31 around the phosphorylation site of Tyr713.

Uniprot: P16284

Description: PECAM-1 is a cell adhesion molecule expressed on platelets and at endothelial cell intercellular junctions.

Western blot analysis of extracts from various samples, using Phospho-PECAM-1 (Tyr713) Ab.

Lane 1: UV treated MDA-MB-231 cells, blocked with antigen-specific peptides,

Lane 2: UV treated MDA-MB-231 cells,

Lane 3: H2O2 treated EC304 cells.

AF3191 staining H2O2 treated Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AF3191) and mouse anti-beta tubulin Ab (T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab (Green) were used as the secondary Ab.

The nuclear counter stain is DAPI (blue).

**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.



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