



## Peninsula Laboratories, LLC

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### Monoclonal Antibody To Mouse CD18 Integrin $\beta 2$ Subunit, Leukocyte Marker

Monoclonal antibody YTS 213.1 recognizes CD18 which is expressed on most leukocytes. YTS 213.1 does not block LFA-1 mediated T-cell activation *in vitro*. The antibody precipitates an antigen of 95-180kDa.

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<b>Product Number:</b>	T-2122
<b>Clone:</b>	YTS 213.1
<b>Host species, isotype:</b>	Rat IgG2a
<b>Quantity:</b>	250 $\mu$ g
<b>Format:</b>	Affinity purified, liquid  Supplied as 0.25ml solution. This stock solution contains 1mg/ml IgG, phosphate buffered saline pH 7.4 (PBS), and 0.1% sodium azide as a preservative.
<b>Stability:</b>	Original vial: 6 months at 4° - 8°C
<b>Applications:</b>	Tested for immunohistochemistry (IHC); has been described to work in FACS and immunoprecipitation.  <b>Approximate working dilution for IHC:</b> Frozen sections: 2 $\mu$ g/ml (1:500) Paraffin sections: not tested Optimal dilutions should be determined by the end user. Suggested positive control: Mouse spleen.
<b>Immunogen:</b>	Mouse spleen cells.
<b>Antigen, epitope:</b>	The antibody precipitates an antigen of 95-180kDa. The epitope has not been further characterized.
<b>Specificity:</b>	<b>Mouse:</b> CD18 <b>Other species:</b> not tested.

#### Selected references

Madrid, S. et al.: J. Exp. Med. **158**, 586 (1983)

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.