

Technical Data Sheet

Product **Anti-Bov CD18 Alexa Fluor<sup>®</sup> 488**

Cat. Number/Size **A4-355-C100 0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD18
Clone	IVA35
Format	Alexa Fluor <sup>®</sup> 488
Reactivity	Cow, Human
Application	ICC, FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 2-5 µg/ml
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The antibody IVA35 reacts with an extracellular epitope of CD18 antigen (bovine), a 90-95 kDa type I transmembrane protein (integrin) expressed on all leukocytes.
Other names	Integrin beta2, Complement receptor C3 subunit beta, ITGB2
Immunogen	Bovine leukocytes.
Entrez Gene ID	281877
Gene name	ITGB2
NCBI Full Gene Name	integrin subunit beta 2
UniProt ID	P32592

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Concentration 0.5 mg/ml

Preparation Purified antibody is conjugated with Alexa Fluor<sup>®</sup> 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Formulation Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Storage and handling Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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