



Anti-Sheep Interleukin-1 Beta monoclonal antibody, clone 1D4 (CABT-48480MS)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Sheep Interleukin-1 beta antibody, clone 1D4 recognizes ovine interleukin-1 beta, and shows no cross-reactivity with ovine IL-6, IL-8, TNF alpha or MCP-1. The antibody demonstrates partial neutralising activity of ovine IL-1 beta. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul. ELISA This product may be used in an indirect ELISA or as a capture antibody in a bovine IL-1 beta sandwich ELISA.
Specificity	IL-1B
Immunogen	Recombinant ovine IL-1 Beta
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Sheep, Bovine, Goat, Horse
Clone	1D4
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; FC; WB
Format	Purified IgG - liquid
Size	250 µg
Preservative	0.1% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IL-1B interleukin 1 beta [Ovis aries (sheep)]
Official Symbol	IL-1B
Synonyms	IL-1B; IL1B; interleukin-1 beta; IL-1 beta;
Entrez Gene ID	443539
Protein Refseq	NP_001009465.2
UniProt ID	P21621
Chromosome Location	3
Pathway	African trypanosomiasis; Alzheimer's disease; Amoebiasis