



Anti-IL6 monoclonal antibody, clone CC310 (CABT-48513MB)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Bovine interleukin-6 antibody, clone CC310 recognizes bovine interleukin-6, a 208 amino acid (including a 29 amino acid signal peptide) ~24 kDa multifunctional cytokine. IL-6 plays an essential role in the terminal differentiation of B-cells into immunoglobulin secreting cells and is a potent inducer of the acute phase response (UniProt: P26892).
Specificity	IL6
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Bovine
Clone	CC310
Conjugate	Unconjugated
Applications	ELISA
Format	Purified IgG - liquid
Size	500 µg
Preservative	0.09% 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	IL6 interleukin 6 [Bos taurus (cattle)]
Official Symbol	IL6
Synonyms	IL6; interleukin-6; IL-6; interleukin 6 (interferon, beta 2); interleukin 6;
Entrez Gene ID	280826
Protein Refseq	NP_776348.1
UniProt ID	P26892
Chromosome Location	4
Pathway	ARMS-mediated activation; Activated TLR4 signalling; Adipogenesis; African trypanosomiasis; Amoebiasis; Androgen Receptor Signaling Pathway;
Function	cytokine activity; growth factor activity; interleukin-6 receptor binding;