



Anti-IL12A monoclonal antibody, clone CC301 (CABT-51799MB)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Bovine Interleukin-12 antibody, clone CC301 recognizes the p40 subunit of bovine interleukin-12, and binds to both the free subunit and the intact heterodimer. This antibody may be used as a capture antibody in an ELISA in combination with biotinylated clone CC326 as a detection reagent. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. ELISA This antibody may be used as a capture antibody in a sandwich ELISA.
Specificity	IL12A
Immunogen	Recombinant bovine IL-12
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Bovine, Human, Sheep
Clone	CC301
Conjugate	Unconjugated
Applications	ELISA; ELISpot; FC; FA; WB
Format	Purified IgG - liquid
Size	500 µg
Preservative	None
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	IL12A interleukin 12A [Bos taurus (cattle)]
Official Symbol	IL12A
Synonyms	IL12A; IL12p35; IL-12 p35; interleukin-12 subunit alpha; IL-12A; CLMF p35; IL-12 subunit p35; interleukin 12 35kDa subunit; interleukin 12 polypeptide 35; cytotoxic lymphocyte maturation factor 35 kDa subunit; natural killer cell stimulatory factor 1, cyt
Entrez Gene ID	281856
Protein Refseq	NP_776780
UniProt ID	P46282
Chromosome Location	chromosome: 1
Pathway	African trypanosomiasis; Allograft rejection; Amoebiasis; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Herpes simplex infection; Inflammatory bowel disease (IBD); Influenza A;
Function	cytokine activity; growth factor activity; interleukin-12 beta subunit binding; interleukin-12 receptor binding; interleukin-27 binding; protein binding; protein heterodimerization activity;