

Product datasheet for **UM870187**

Calretinin (CALB2) Mouse Monoclonal Antibody [Clone ID: UMAB305]

Product data:

Product Type:	Primary Antibodies
Clone Name:	UMAB305
Applications:	IHC
Recommended Dilution:	IHC 1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human Calretinin(CALB2) (NP_001731) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1.00mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	31.6 kDa
Gene Name:	calbindin 2
Database Link:	NP_001731 Entrez Gene 794 Human P22676
Background:	This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]
Synonyms:	CAB29; CAL2; CR



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