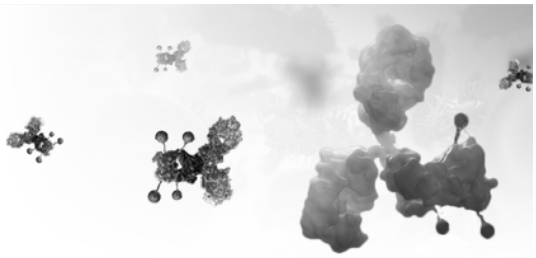

Mouse Anti-Human CD73 monoclonal antibody, clone JID184 (CABT-L2779)

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

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human CD73
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID184
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Placenta
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Cluster of differentiation 73 (CD73), also known as ecto-5'-nucleotidase (ecto-5'-NT), is a cell surface enzyme found in most tissues which catalyzes the breakdown of AMP to adenosine, thereby modulating inflammatory and T cell responses. Reports have implicated CD73 expression in tumor progression and carcinogenesis, as CD73 is a key regulatory molecule in the proliferation, migration, and invasion of cancer cells
Keywords	NT5E;5-nucleotidase;ecto (CD73);NT;eN;NT5;NTE;eNT;CD73;E5NT;CALJA;5-nucleotidase;5-NT;ecto-5-nucleotidase;Purine 5-Prime-Nucleotidase;anti-NT5E

GENE INFORMATION

Gene Name	NT5E 5-nucleotidase, ecto (CD73) [Homo sapiens (human)]
Official Symbol	NT5E
Synonyms	NT5E; 5-nucleotidase, ecto (CD73); NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA; 5-nucleotidase; 5-NT; ecto-5-nucleotidase; Purine 5-Prime-Nucleotidase;
Entrez Gene ID	4907
Protein Refseq	NP_001191742
UniProt ID	P21589
Chromosome Location	6q14-q21
Pathway	HIF-1-alpha transcription factor network; Metabolic pathways; Metabolism; Metabolism of nucleotides; Nicotinate and nicotinamide metabolism; Purine catabolism; Purine metabolism; Pyrimidine catabolism;
Function	5-nucleotidase activity; metal ion binding; nucleotide binding;

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