

IgM Chain C Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08934
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from IgM Chain C at AA range: 391-440
Mol wt	49307
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	IgM Chain C
Synonyms	IgM Chain C; Ig mu chain C region

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Immunoglobulins (Ig) are the antigen recognition molecules of B cells. An Ig molecule is made up of 2 identical heavy chains and 2 identical light chains (see MIM 147200) joined by disulfide bonds so that each heavy chain is linked to a light chain and the 2 heavy chains are linked together. Each Ig heavy chain has an N-terminal variable (V) region containing the antigen-binding site and a C-terminal constant (C) region| encoded by an individual C region gene| that determines the isotype of the antibody and provides effector or signaling functions. The heavy chain V region is encoded by 1 each of 3 types of genes: V genes (see MIM 147070)| joining (J) genes (see MIM 147010)| and diversity (D) genes (see MIM 146910). The C region genes are clustered downstream of the V region genes within the heavy chain locus on chromosome 14. The IGHM gene encodes the C region of the mu heavy chain| which d

Recommended Dilution

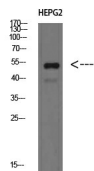
WB: 1: 500 - 1: 2000

IHC-p: 100 - 1: 300

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of HEPG2 cells using IgM Chain C Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year