



Mouse anti-Human Glutamine Synthetase monoclonal antibody, clone 7 (CABT-B9212)

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

PRODUCT INFORMATION

Immunogen	Human Glutamine Synthetase aa. 1-373
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Rat, Human, Mouse
Clone	7
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	WB; IHC; Bioimaging; IF; IP
Format	Liquid
Concentration	250 µg/ml
Size	50 µg, 150 µg
Buffer	Aqueous buffered solution containing BSA, glycerol, and ≤0.09% sodium azide.
Storage	Store undiluted at -20°C.

BACKGROUND

Introduction Glutamine synthetase catalyzes the amination of glutamic acid to form glutamine. It is found in

mammals as an octamer of identical 45 kDa subunits. Glutamine synthetase activity is a useful marker for astrocytes and an important differentiation feature in retina. It is also considered to be a key enzyme in the recycling of the neurotransmitter glutamate.

Keywords

GLNA; GLNS; GLUL; Glutamate ammonia ligase; Glutamate decarboxylase; Glutamate--ammonia ligase; Glutamine synthetase; GS; PIG 43; PIG 59; PIG43; PIG59; Proliferation inducing protein 43; GS

Resources :
