

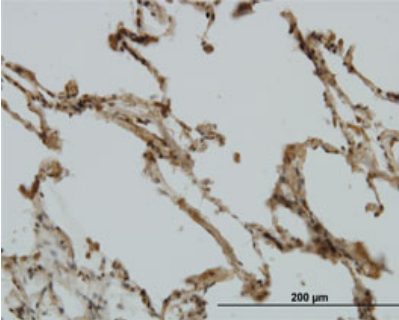
## Mouse monoclonal antibody to human CRIM1 [6E4]: IgG

<b>Catalogue No.:</b>	M-817-100
<b>Description:</b>	CRIM1 may participate in CNS development by interacting with growth factors involved in motor neuron differentiation and survival. It also has a potential role in capillary formation and maintenance during angiogenesis. It also affects BMP processing and delivery to the cell surface. CRIM1 interacts with BMP4 and BMP7. It localises to the cell membrane and is expressed in a number of tissues including the pancreas, kidney, skeletal muscle, lung, placenta, brain, heart, spleen, liver, small intestine and blood vessels. The unprocessed precursor has a length of 1036 amino acids and a predicted molecular weight of 113.7KDa. CRIM1 contains four antistatin-like domains, one IGF1BP N-terminal domain and six WWFC domains. It is also N-glycosylated.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A partial recombinant human CRIM1 protein (amino acids 36 to 145) with a GST tag.
<b>Clone:</b>	[6E4]
<b>Other Names:</b>	Cysteine-rich motor neuron 1 protein; cysteine-rich repeat-containing protein S52; CRIM1
<b>Accession:</b>	CRIM1_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for IHC at a dilution of 3 ug/mL. It is also recommended for sandwich ELISA with a detection limit for the recombinant GST tagged CRIM1 protein of 0.03 ng/mL. This antibody is useful for WB analysis. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and ELISA against the antigen.
<b>Cross-reactivity:</b>	No other species have been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.2
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY

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Immunohistochemical detection of CRIM1 in formalin-fixed paraffin-embedded human lung tissue using mouse monoclonal antibody to human CRIM1 (M-817-100) at a concentration of 3μg/ml.

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