

Monoclonal Antibody to Immunoglobulin J chain - Purified

Alternate names:	IGCJ, IGJ
Catalog No.:	AM20272PU-N
Quantity:	1 ml
Background:	J chain is a small glycopeptide and is structurally unrelated to heavy or light chains, but is synthesized by all plasma cells that secrete polymeric immunoglobulins. J chain is linked to IgA and IgM by disulfide bonds, however, it has been detected in IgG- and IgD-containing cells. J chains are present in a large proportion of the immunoglobulin-positive cells in the germinal centers of the tonsil and lymph node. B cells secrete J chain at an early stage of differentiation with the expression persisting in those cells destined to produce IgA or IgM.
Uniprot ID:	P01591
NCBI:	NP_653247.1
GeneID:	3512
Host / Isotype:	Rabbit / IgG
Recommended Isotype Controls:	PP501P
Clone:	SP105
Immunogen:	Synthetic peptide near the internal region of Human J-chain.
Format:	State: Liquid purified Ig fraction Purification: Protein A/G Chromatography Buffer System: PBS, pH 7.6 containing 1% BSA as stabilizer and 0.09% Sodium Azide as preservative
Applications:	Western Blot. Immunohistochemistry on Paraffin Sections: 1/100 for 10 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Slides must be washed in between steps. Rinse slides with PBS/0.05% Tween. <i>Positive Control:</i> Tonsil. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Immunoglobulin J Chain. Cellular localisation: Cytoplasm. Species: Human. Other species not tested.

- Add. Information:** Molecular weight: 17 kDa
- Storage:** Store the antibody undiluted at 2–8°C.
DO NOT FREEZE!
Shelf life: One year from despatch.
- Pictures:** Human tonsil stained with anti-J-chain antibody

